

New Products from CST®: January 2026

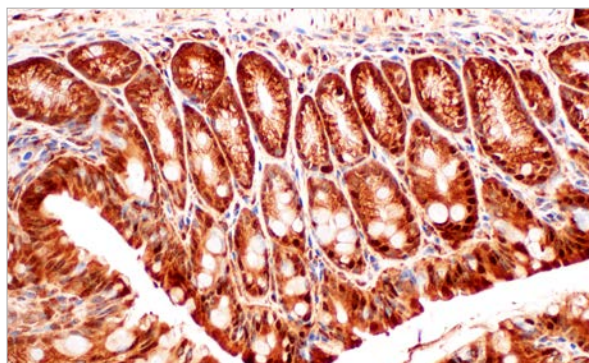
We are continually expanding our portfolio to meet your research needs. Check out the new products released this month!

LDHA (F3T9U) Rabbit Monoclonal Antibody #71368

A central enzyme in aerobic glycolysis (Warburg effect)

Lactate dehydrogenase (LDH) catalyzes the interconversion of pyruvate and NADH to lactate and NAD⁺ in skeletal muscles during intense exercise. The LDHA promoter contains HIF-1α binding sites, and LDHA expression is induced under hypoxic conditions. When oxygen levels return to normal, LDH converts lactate to pyruvate, generating ATP in the mitochondrial electron transport chain. Many cancers rely on aerobic glycolysis (Warburg effect), which converts glucose to lactate even in oxygen-rich environments. LDHA, as a central enzyme in this process, is involved in cancer cell proliferation and prognosis. #71368 is suitable for WB, IHC-P, IF-F, IF-IC, and FC-FP using human, mouse, and rat samples.

KEYWORDS: anaerobic glycolysis, Warburg effect, cancer



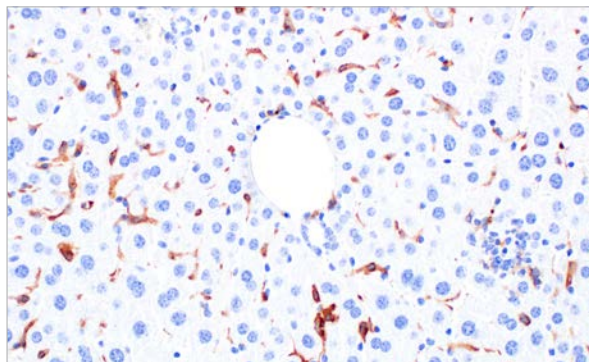
IHC-P: IHC analysis of paraffin-embedded mouse colon using #71368

CSF-1R/M-CSF-R (F1H1I) Rabbit Monoclonal Antibody #83643

Macrophage-Associated Transmembrane Tyrosine Kinase

The macrophage colony-stimulating factor (M-CSF, CSF-1) receptor is a transmembrane tyrosine kinase. Expressed on monocytes, M-CSF receptor promotes the growth and development of this blood cell lineage. M-CSF binding induces receptor dimerization, activation, and autophosphorylation of cytoplasmic tyrosine residues. Phosphorylated Tyr723 binds to the p85 subunit of PI3 kinase and PLCγ2. Overactivation of this receptor has been suggested to cause malignant phenotypes in various cell lines. Activated M-CSF receptor has been shown to be a predictor of poor prognosis in advanced epithelial ovarian and breast cancers. #83643 is suitable for WB and IHC-P using mouse and rat samples.

KEYWORDS: transmembrane tyrosine kinase, autophosphorylation, cancer



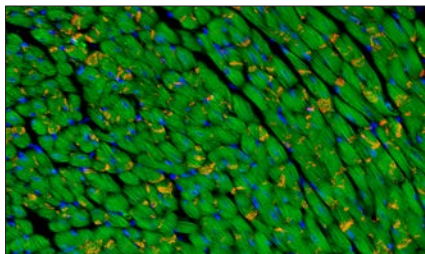
IHC-P: IHC analysis of paraffin-embedded mouse liver using #83643



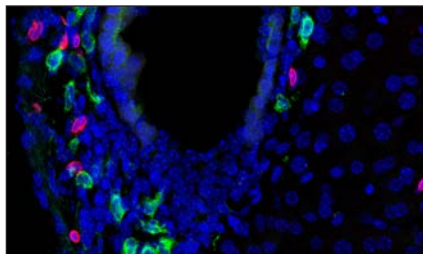
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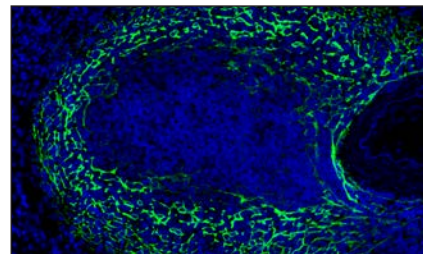
Cell Signaling
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Cleaved Caspase-8 (Asp387) (p10 subunit) (E8K5S)
Rabbit mAb #16709



CD103/ITGAE (F2C7B) Rabbit Monoclonal Antibody
#67499



MAdCAM-1 (E1V8F) Rabbit Monoclonal Antibody
(Alexa Fluor® 488 Conjugate) #69369

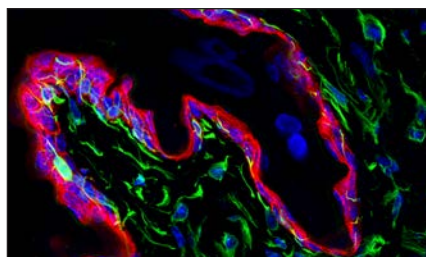
PRODUCT		APPLICATIONS	REACTIVITY
Adhesion/ECM			
41559S	N-Cadherin (D4R1H) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IF-F, IF-IC	H, M
67499S	CD103/ITGAE (F2C7B) Rabbit Monoclonal Antibody	WB, IHC-P, IF-F	M
67499T			
30050SF	FAK (D1A4I) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M
87854SF	FAK (D2R2E) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M
50396SF	Phospho-FAK (Tyr397) (D20B1) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, (M, R, Mk, B)
83267S	Galectin-7/LGALS7 (F9K7X) Rabbit Monoclonal Antibody	WB	H, M, R
83267T			
44305SF	HEF1/NEDD9 (2G9) Mouse Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R, Mk
67151S	Integrin alpha-V (F3T8T) Rabbit Monoclonal Antibody	WB, IP	H, R
67151T			
69369S	MAdCAM-1 (E1V8F) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	H
75937S	MAdCAM-1 (E1V8F) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P	H
55211S	MAdCAM-1 (E1V8F) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IHC-P	H
80406S	MCAM (E3F3E) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P, FC-FP	H, M
65212S	Reelin (F8Z8Y) Rabbit Monoclonal Antibody	WB, IP	H, M
65212T			
24441S	TACSTD2/TROP2 (F4W4J) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	H
92408S	TACSTD2/TROP2 (F4W4J) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P	H
89871S	TACSTD2/TROP2 (F5P2T) Rabbit Monoclonal Antibody	WB, IP, IF-F, IF-IC, FC-FP, FC-L	M, R
89871T			
97108T	Tumor Angiogenesis IHC Antibody Sampler Kit	-	-
Alzheimer's disease			
18957SF	TREM2 (E9L9F) Mouse Monoclonal Antibody (BSA and Azide Free)	ELISA	H
Apoptosis			
85072SF	Bcl-2 (D17C4) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M
10210SF	Bcl-2 (D55G8) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H
27643S	Cleaved Caspase-6 (Asp162) (F6J4I) Rabbit Monoclonal Antibody	WB, IP	H, M, R
27643T			
18927SF	c-Myc (D84C12) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, IF-IC	H, M, R, (Dg, Pg)
Autoimmunity and Inflammation			
28305SF	S100A9 (E6P3Q) Rabbit Monoclonal Antibody (BSA and Azide Free)	ELISA	H
64947SF	S100A9 (E6S2Y) Rabbit Monoclonal Antibody (BSA and Azide Free)	ELISA	H
84093S	ST2 (F9H6V) Rabbit Monoclonal Antibody	WB	H
84093T			
Autophagy			
25638S	HPCAL1 (F5R3N) Rabbit Monoclonal Antibody	WB, IP, IF-IC	H
25638T			
85714SF	LC3A (E5D5M) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R
80522SF	Phospho-TFEB (Ser211) (E9S8N) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H
Biochemical Metabolism and Signaling			
63108SF	15-PGDH/HPGD (E9H7W) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	H
19253S	Agrin/AGRN (F1M3D) Rabbit Monoclonal Antibody	WB	H, M, R
19253T			
91362SF	BCKDH-E1 alpha (E4T3D) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R
40908SF	BCKDH-E1 alpha (E7Y1I) Rabbit Monoclonal Antibody (BSA and Azide Free)	ELISA	H, M, R



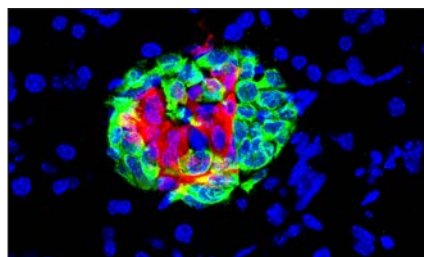
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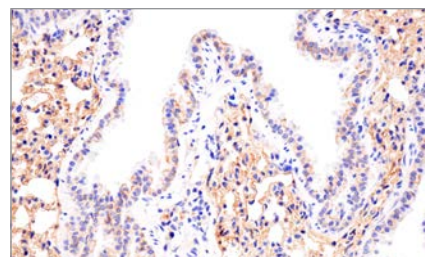
Cell Signaling
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TACSTD2/TROP2 (F5P2T) Rabbit Monoclonal Antibody #89871



Glucagon (F1A2G) Rabbit Monoclonal Antibody #55372



PVR/CD155 (F2S3T) Rabbit Monoclonal Antibody #27144

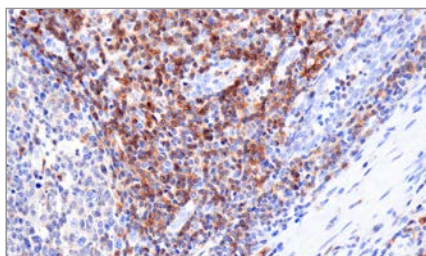
PRODUCT		APPLICATIONS	REACTIVITY
Biochemical Metabolism and Signaling <i>(cont.)</i>			
30547S	Phospho-BCKDH-E1-alpha (Ser293) Matched Antibody Pair	ELISA	H, M, R
55372S	Glucagon (F1A2G) Rabbit Monoclonal Antibody	IHC-P, IF-F	H, M, R
55372T			
71925S	Hexokinase II (F9Q4T) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	FC-FP	H, M, R
17206S	METTL7B (F6K2W) Rabbit Monoclonal Antibody	WB, IP	H, Mk
17206T			
33985S	PHD-1/Egln2 (F7T8H) Rabbit Monoclonal Antibody	WB	H
33985T			
Cell Autonomous Innate Immunity			
54395D	PathScan® RP Phospho-IRF-3 (Ser379) Sandwich ELISA Kit	ELISA	M
58118S	NLRP4 (F7T1G) Rabbit Monoclonal Antibody	WB, IP	H
58118T			
Cell Cycle			
81240S	Ki-67 (8D5) Mouse Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IHC-P	H, Mk
38083S	p16 INK4A (F2T7H) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P, FC-FP	M
38355SF	p27 Kip1 (D37H1) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R, Mk
Chromatin Acylation and Phosphorylation			
26642T	BRD Antibody Sampler Kit	-	-
71289SF	BRD4 (pan) (E1Y1P) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R, Mk
79799S	SETD6 (F5G6P) Rabbit Monoclonal Antibody	WB, IP	H
79799T			
Cytoskeletal			
75735SF	Phospho-Cofilin (Ser3) (77G2) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, IF-IC, ELISA	H, R, Mk, M, B
25729S	PPP1R14B/PHI-1 (F6O6F) Rabbit Monoclonal Antibody	WB, IP	H, M, R, Mk
25729T			
Cytoskeletal Signaling			
27144S	PVR/CD155 (F2S3T) Rabbit Monoclonal Antibody	WB, IHC-P	M, R
27144T			
DIFFERENTIATION - Transcription Factor			
30089S	ARID3B (F9T7Z) Rabbit Monoclonal Antibody	WB, IP	H
30089T			
DNA Damage/Senescence			
30128S	BARD1 (F4K3V) Rabbit Monoclonal Antibody	WB	H
30128T			
26542S	BRCA2 (F8Q6L) Rabbit Monoclonal Antibody	WB, IP	H, Mk
26542T			
94402P	Cas9 (S. pyogenes) (E7M1H) Rabbit Monoclonal Antibody (Biotinylated)	WB, E-P	All
79210S	MDC1 (F6C8T) Rabbit Monoclonal Antibody	WB	H, Mk
79210T			
37956C	PathScan® RP MDM2 Sandwich ELISA Kit	ELISA	H
58175C	PathScan® RP Phospho-MDM2 (Ser186) Sandwich ELISA Kit	ELISA	H
26817S	p53 (Mutant) (Pab 240) Mouse Monoclonal Antibody	IP	H, (M)
26817T			
99434S	p63 (D9L7L) Rabbit Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	H



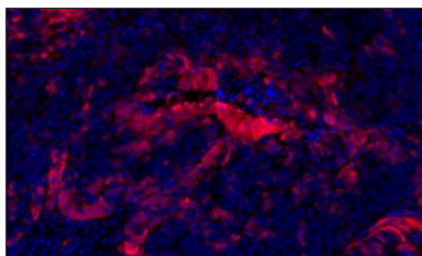
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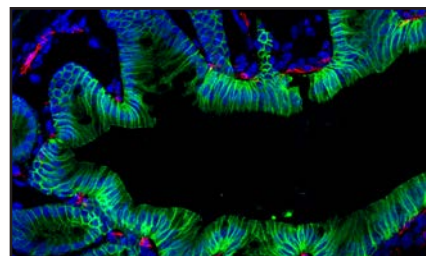
Cell Signaling
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CD27 (F3R4G) Rabbit Monoclonal Antibody #64879



Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate) #76032



NBC1/SLC4A4 (F2F6A) Rabbit Monoclonal Antibody #30712

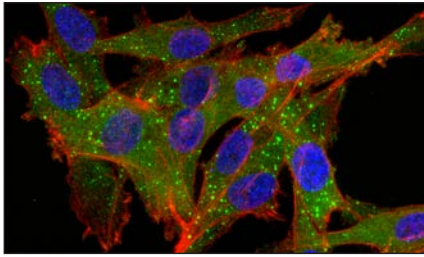
PRODUCT		APPLICATIONS	REACTIVITY
General Transcription Factors			
53886S	SPEN/SHARP (F6J4M) Rabbit Monoclonal Antibody	WB	H, Mk
53886T			
Immune Checkpoints and Ligands			
69628S	Total B7-H4 Matched Antibody Pair	ELISA	H
64879S	CD27 (F3R4G) Rabbit Monoclonal Antibody	IHC-P	H
64879T			
68766S	ICOS (D1K2T™) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, Mk
Jak/Stat Signaling			
20212P	Stat6 (D3H4) Rabbit Monoclonal Antibody (Biotinylated)	WB, E-P	H, M, R, (Mk, B, Dg, Pg)
Lymphocyte Signaling			
75641S	Phospho-c-Abl (Tyr412) Matched Antibody Pair	ELISA	H
62825S	Phospho-SHP-1 (Ser591) (F3Y8A) Rabbit Monoclonal Antibody	WB, IP	H, M, R
62825T			
78222D	PathScan® Phospho-SLP-76 (Ser376) Sandwich ELISA Kit	ELISA	H
MAP kinase			
30763S	Total B-Raf Matched Antibody Pair	ELISA	H, M, R, Mk
76032S	Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P	H, R, Hm, Mk, Mi, Dm, M, Z, B, Dg, Pg, Sc, (C, Ce)
Motif			
36702P	Phospho-Tyrosine Mouse Monoclonal Antibody (P-Tyr-100) (trFluor™ Europium Cryptate Conjugate)	E-P	All
Neural function			
65517SF	CaMKII (pan) (D11A10) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R
16623S	Neurofilament-H Matched Antibody Pair	ELISA	H, M, R
Nuclear Receptors			
20597P	Androgen Receptor (AR-V7 Specific) (E3O8L) Rabbit Monoclonal Antibody (Biotinylated)	WB, E-P	H
Parkinson's disease			
82170P	Phospho-LRRK2 (Ser1292) (E8M3A) Rabbit Monoclonal Antibody (Biotinylated)	E-P	H
Phenotyping and Functional Markers			
41287S	CD68 (E307V) Rabbit Monoclonal Antibody (Alexa Fluor® 555 Conjugate)	IHC-P, FC-FP	M, R, Hm
54741S	F4/80 (F7U5M) Rabbit Monoclonal Antibody	IHC-P	M
54741T			
20162S	FoxP3 (221D) Mouse Monoclonal Antibody	WB, IHC-P	H
20162T			
63631S	FoxP3 (221D) Mouse Monoclonal Antibody (Alexa Fluor® 488 Conjugate)	IHC-P	H
76874S	MHC Class II (I-A beta) (F7M6G) Rabbit Monoclonal Antibody	WB	M, R
76874T			
PI3K/Akt/mTOR Signaling			
57873SF	Phospho-Akt (Ser473) (587F11) Mouse Monoclonal Antibody (BSA and Azide Free)	WB	H, M, R, Hm, (Mk)
85530SF	Phospho-FoxO3a (Ser253) (D18H8) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, R, Mk, M
Post-synapse			
48794P	SynGAP (D88G1) Rabbit Monoclonal Antibody (Biotinylated)	E-P	M, R, (H)
99847SF	SynGAP (D88G1) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R, (H)
Proteostasis			
63208S	MUL1 (F1P7T) Rabbit Monoclonal Antibody	WB	H, M, R
63208T			



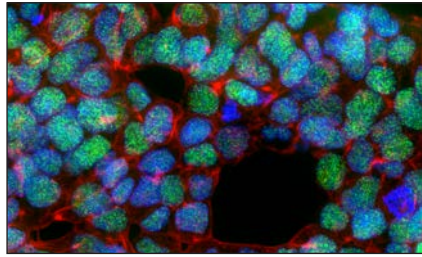
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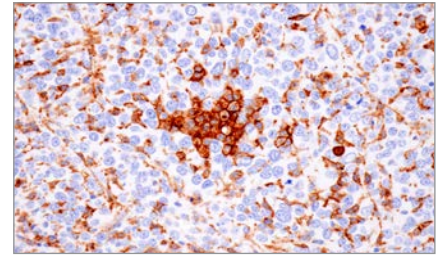
Cell Signaling
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XRN1 (F1Z6T) Rabbit Monoclonal Antibody #60866



RNASEH2B (F5W8X) Rabbit Monoclonal Antibody #87109



F4/80 (F7U5M) Rabbit Monoclonal Antibody #54741

PRODUCT		APPLICATIONS	REACTIVITY
Proteostasis (cont.)			
96471S	Pan-branch Ubiquitin TUBE-RAD23A (Sepharose Bead Conjugate)	IP	All
23354S	Pan-branch Ubiquitin TUBE-UBQLN1 (Sepharose Bead Conjugate)	IP	All
REDOX/Energy Metabolism			
71368S	LDHA (F3T9U) Rabbit Monoclonal Antibody	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, R
71368T			
30712S	NBC1/SLC4A4 (F2F6A) Rabbit Monoclonal Antibody	WB, IF-F, IF-IC	H, M, R, Mk
30712T			
RNA Splicing, Capping, Polyadenylation			
50901S	SRSF2 (F1P3N) Rabbit Monoclonal Antibody	WB	H, M, R, Mk
50901T			
36556S	TIA-1 (F6V4I) Rabbit Monoclonal Antibody	WB	H, M, R, Mk
36556T			
RNA Stability & Decay			
87109S	RNASEH2B (F5W8X) Rabbit Monoclonal Antibody	WB, IP, IF-IC	H
87109T			
60866S	XRN1 (F1Z6T) Rabbit Monoclonal Antibody	WB, IP, IF-IC	H
60866T			
RTK-Cell Biology			
42790T	Angiogenic Switch Antibody Sampler Kit	-	-
7322D	PathScan® Total ALK Sandwich ELISA Kit	ELISA	H
81691S	Phospho-c-Kit (Tyr721) (F2Z4X) Rabbit Monoclonal Antibody	WB	H
81691T			
TAG			
72631P	HA-Tag (C29F4) Rabbit Monoclonal Antibody (trFluor™ Europium Cryptate Conjugate)	E-P	All
40156P	Myc-Tag (71D10) Rabbit Monoclonal Antibody (trFluor™ Europium Cryptate Conjugate)	E-P	All
TGFB/BMP			
73215S	Brachyury (D2Z3J) Rabbit Monoclonal Antibody (Alexa Fluor® 647 Conjugate)	IF-IC, FC-FP	H
43706SF	SMAD1 (D59D7) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, Mk, (X, B)
71867C	PathScan® RP SMAD2 Sandwich ELISA Kit	ELISA	H, M, R, Mk
55041P	Phospho-SMAD2 (Ser465/Ser467) (E8F3R) Rabbit Monoclonal Antibody (Biotinylated)	WB, E-P	H, M, R
Toll-Like and C-Type Lectin Receptors			
20464T	Human Reactive TLR4 Signaling Antibody Sampler Kit	-	-
93705T	Human Reactive TLR7/TLR8/TLR9 Signaling Antibody Sampler Kit	-	-
67887S	Toll-like Receptor 9 (F4R3J) Rabbit Monoclonal Antibody	WB, IP	H, M
67887T			
Translational Control			
79554SF	GCN2 (E9H6C) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H
Tumor Microenvironment			
83643S	CSF-1R/M-CSF-R (F1H1I) Rabbit Monoclonal Antibody	WB, IHC-P	M, R
83643T			
Vesicle and Protein Trafficking			
61147SF	Phospho-DRP1 (Ser637) (F8V7T) Rabbit Monoclonal Antibody (BSA and Azide Free)	WB, ELISA	H, M, R
Virus			
90902S	ACE2 Matched Antibody Pair	ELISA	H

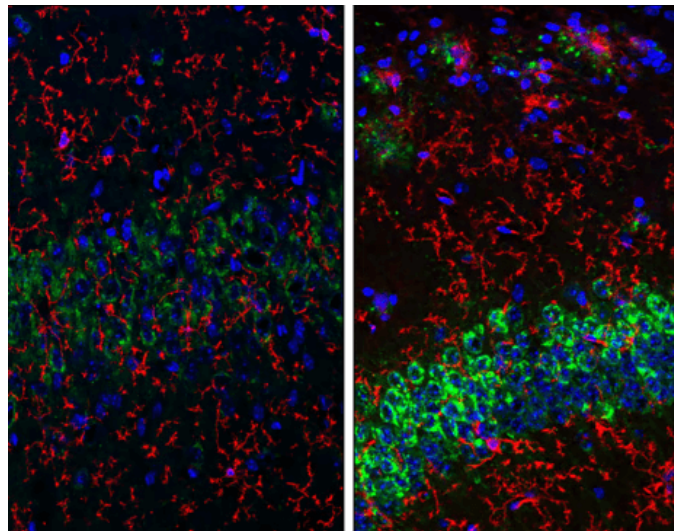
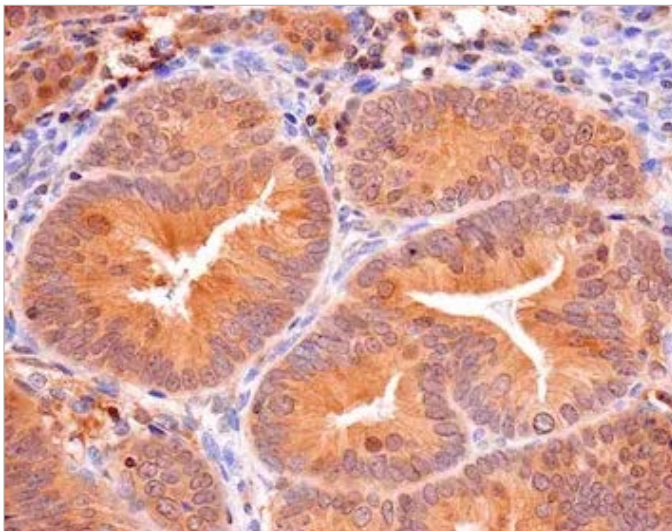


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