



# New Products

JANUARY 2023

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

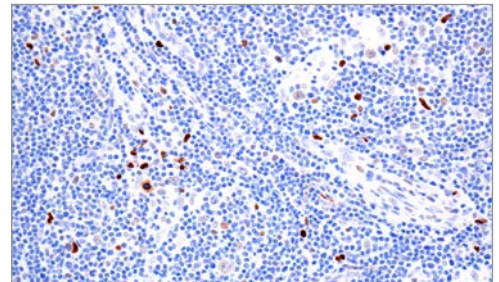
## HOT PRODUCTS

### BATF3 (E3F3L) Rabbit mAb #72565

#### Transcription factors essential for dendritic cell development

BATF3 (Basic leucine zipper transcriptional factor ATF-like 3, p21SNFT) is a member of the basic leucine zipper family which dimerizes with Jun proteins and represses AP-1 (Activator protein-1) activity. BATF3 is required for development of conventional type 1 dendritic cells (cDC1s), which cross-present antigens in the context of MHC class I to naive CD8+ T cells, priming them to become activated cytotoxic CD8+ T cells.

**KEYWORDS:** dendritic cells, development, immunology



**IHC-P:** IHC analysis of paraffin-embedded human Hodgkin lymphoma using #72565.

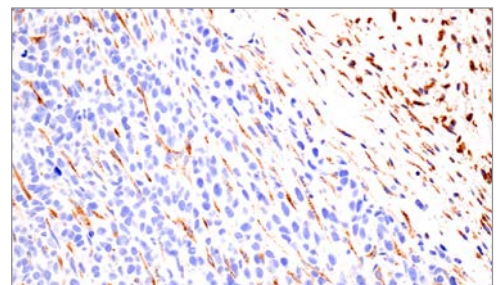
### Cathepsin K (E7U5N) Rabbit mAb #57056

#### Enzyme important for bone metabolism

Cathepsin K (CTSK) is a cysteine proteinase belonging to the cathepsin family, which all share a common papain-like structural fold and a conserved active site Cys-Asn-His triad of residues. Cathepsin K is known to initially be synthesized as an inactive procathepsin K and subsequently processed into a mature enzyme, whose most studied function is "mediation of bone resorption". Many pharmaceutical companies are working on the development of selective inhibitors for cathepsin K for anti-osteoporosis drugs.

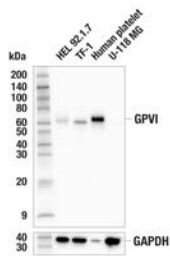
Although originally discovered in osteoclasts, Cathepsin K expression has also been associated with various cancers, such as prostate, breast, bone, lung, and renal carcinoma.

**KEYWORDS:** bone metabolism, osteoporosis, cancer

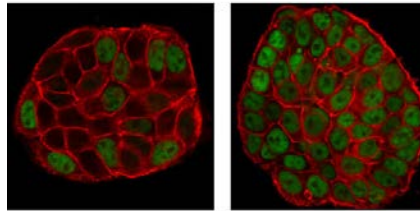


**IHC-P:** IHC analysis of paraffin-embedded 4T1 syngeneic tumor using #57056.

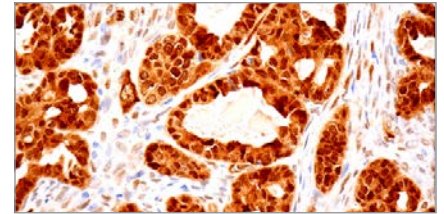




GPVI (E4Y9) Rabbit mAb #45649



Phospho-p53 (Ser15) (16G8) Mouse mAb (BSA and Azide Free) #56979

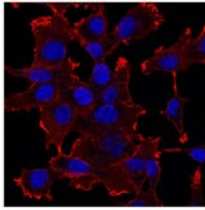


TAZ (E9J5A) XP Rabbit mAb (BSA and Azide Free) #49756

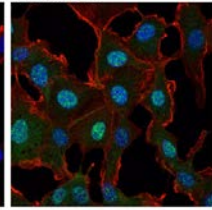
PRODUCT	APPLICATIONS	REACTIVITY	CARRIER-FREE
<b>Adhesion/ECM</b>			
93790T EpCAM (E6V8Y) XP <sup>®</sup> Rabbit mAb (Mouse Preferred)	WB, IP, IHC-LB, IHC-P	H, M, R	
38313T GPNMB (E4D7P) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P	H	
45649S GPVI (E4Y9) Rabbit mAb	WB	H	
30075S MMP-1 (E8G4F) Rabbit mAb	WB, IF-IC	H	
16564T MUC1-C (D5K9I) XP <sup>®</sup> Rabbit mAb	WB, IHC-P, IF-IC	H	
56572S MXRA8 (E7K5Q) Rabbit mAb	WB	H, Mk	
25426SF Olfm4 (D6Y5A) XP <sup>®</sup> Rabbit mAb (Mouse Specific) (BSA and Azide Free)	WB, IHC-P, IF-F	M	●
<b>Apoptosis</b>			
97774S Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb (Alexa Fluor <sup>®</sup> 750 Conjugate)	FC-FP	H, (R, B, Dg, Pg)	
24844S Cleaved Caspase-7 (Asp198) (D6H1) Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	FC-FP	H, M, R	
45330S Cleaved Caspase-7 (Asp198) (D6H1) Rabbit mAb (Alexa Fluor <sup>®</sup> 647 Conjugate)	FC-FP	H, M, R	
40446SF RIP (D94C12) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R, Hm, Mk	●
96323SF Phospho-RIP (Ser166) (D8I3A) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H	●
<b>Autophagy</b>			
58139SF LC3A/B (D3U4C) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, R, (X, B, Dg, Pg)	●
<b>Ca, cAMP and Lipid Signaling</b>			
58473S Calreticulin (D3E6) XP <sup>®</sup> Rabbit mAb (PE-Cy7 <sup>®</sup> Conjugate)	FC-FP	H, M, R	
<b>Cell Cycle / Checkpoint Control</b>			
60721SF 53BP1 (E7N5D) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H	●
91590T Aurora A (D3V7T) XP <sup>®</sup> Rabbit mAb	WB, IHC-P	H	
65173SF Cyclin B1 (D5C10) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, R	●
54011SF MCM2 (D7G11) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk	●
56979SF Phospho-p53 (Ser15) (16G8) Mouse mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H	●
39692T p63 (D9L7L) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P	H	
53692SF Wee1 (D10D2) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP	H, Mk	●
<b>Chromatin Regulation / Nuclear Function</b>			
87855SF Cas9 (S. aureus) (E4G3U) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	All	●
52177SF Cas9 (S. aureus) (6H4) Mouse mAb (BSA and Azide Free)	WB, IF-IC	All	●
28754SF DNMT1 (D63A6) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk (Hm, B, Dg, Hr, GP)	●
17705S GATAD2A (E7B5B) Rabbit mAb	WB, IP, ChIP	H, M, R, Mk	
57796S GLTSCR1L (E4D9W) Mouse mAb	WB, IP	H, M, R, Mk	
59141S Phospho-Histone H2A.X (Ser139) (20E3) Rabbit mAb (Pacific Blue <sup>™</sup> Conjugate)	FC-FP	H, M, R, Mk	
68829S Histone H3 (D1H2) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 750 Conjugate)	FC-FP	H, M, R, Mk, (Hm, C, Dm, X, Z, B)	
43185S Phospho-Histone H3 (Ser10) (D2C8) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 750 Conjugate)	FC-FP	H, M, R, Mk, Z	
85470SF HOXB13 (D7N8O) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, Mk	●
46160S MBNL1 (E8Q7B) Rabbit mAb	WB	H, M, R, Mk	
6891T Menin (D45B1) XP <sup>®</sup> Rabbit mAb	WB, IF-IC	H, M, R, Mk (B, Pg, Hr)	
<b>Cytoskeletal Signaling</b>			
93473SF $\beta$ -Actin (13E5) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, R, Mk, B, Pg, (Hm, C, Dg, Hr, Rab)	●
94369SF Keratin 20 (D9Z1Z) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H	●
90307S MYO1D (E6T6Q) Rabbit mAb	WB	H, M, R	



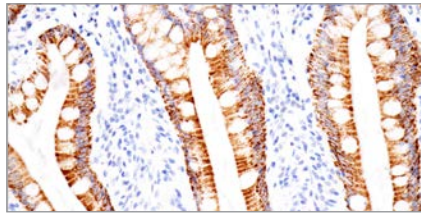
U0126-treated



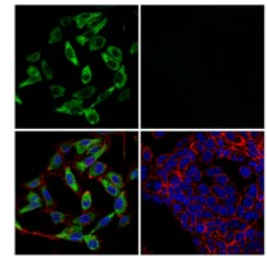
PDBu-treated



Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (197G2)  
Rabbit mAb (BSA and Azide Free) #9524



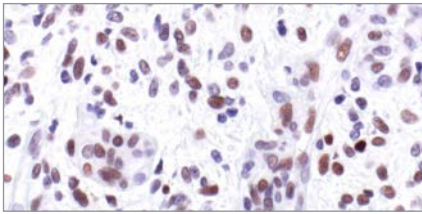
CPS1/Hep Par-1 (OCH1E5) Mouse mAb (Clone previously  
known as Hepatocyte Specific Antigen) #96422



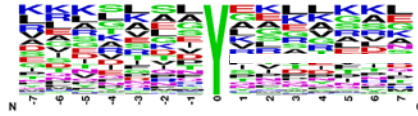
Xanthine Dehydrogenase/Oxidase (E2U8Y)  
Rabbit mAb #35792

PRODUCT	APPLICATIONS	REACTIVITY	CARRIER-FREE
<b>Developmental Biology</b>			
37995SF CD105/Endoglin (3A9) Mouse mAb (BSA and Azide Free)	WB, IHC-P	H	●
64326T CD133 (D2W8Q) XP <sup>®</sup> Rabbit mAb	WB, IHC-LB, IHC-P, IF-IC	H	
47061T CELSR2 (D2M9H) XP <sup>®</sup> Rabbit mAb	WB, IHC-P	H	
15171T FAM3C (DIS2D) XP <sup>®</sup> Rabbit mAb	WB, IHC-P, IF-IC, FC-FP	H	
3695T LIN28A (D84C11) XP <sup>®</sup> Rabbit mAb	WB, IHC-P, IF-IC, FC-FP	H, (R, Mk)	
3608T Notch1 (D1E11) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P, ChIP	H, M, R	
60433T Pax6 (D3A9V) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P, IF-IC	H, (M, R)	
88386SF Sox10 (E6B6I) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H	●
49756SF TAZ (E9J5A) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H, M, Mk	●
<b>Glucose/Energy Metabolism</b>			
70720T ASS1 (D4O4B) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R	
<b>Immunology and Inflammation</b>			
86772S Rapid-Act T Cell Activation Kit (Mouse, Anti-CD3/CD28)	FUNC	M	
97279SF Aiolos (D1C1E) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP	H, M	●
17507T ASC/TMS1 (D2W8U) Rabbit mAb (Mouse Specific) (Alexa Fluor <sup>®</sup> 488 Conjugate)	IF-IC, FC-FP	M	
72565S BATF3 (E3F3L) Rabbit mAb	WB, IP, IHC-P	H	
60066S BST2 (E5D1Z) Rabbit mAb	WB	M	
76536S CARD14 (E3F8E) Rabbit mAb	WB	H	
57056S Cathepsin K (E7U5N) Rabbit mAb	WB, IHC-P	M	
13333T CD79A (D1X5C) XP <sup>®</sup> Rabbit mAb	WB, IHC-P	H	
69659SF Evi-1 (C50E12) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H	●
87985T Galectin-3/LGALS3 (D412R) XP <sup>®</sup> Rabbit mAb	WB, IP, IHC-P, IF-IC	H	
3892T HSI (D5A9) XP <sup>®</sup> Rabbit mAb (Rodent Specific)	WB, IP, IHC-P, IF-F, IF-IC, FC-FP	M, R	
89799S Granzyme C Antibody	WB	M	
16433S Granzyme F Antibody	WB	M	
30979SF Ikaros (D6N9Y) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M	●
36214SF Phospho-IKKA/β (Ser176/180) (16A6) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP	H, M, R, Mk, (B)	●
10327T Phospho-IRF-3 (Ser396) (D6O1M) Rabbit mAb (Alexa Fluor <sup>®</sup> 647 Conjugate)	FC-FP	H, M, R	
73236SF MLANA/MART-1 (E9Q4O) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H	●
49422S Myeloperoxidase (E1E7I) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	IF-IC, FC-FP	H	
17646S Myeloperoxidase (E1E7I) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 647 Conjugate)	IF-IC, FC-FP	H	
19360S PGLYRP-1/PGRP-S (E3B6M) Rabbit mAb	FC-FP	H	
16318T Phospho-SLP-76 (Ser376) (D7S1K) Rabbit mAb (PE Conjugate)	FC-FP	H	
90145S Phospho-Stat1 (Tyr701) (58D6) Rabbit mAb (PE-Cy7 <sup>®</sup> Conjugate)	FC-FP	H, M	
74234SF Stat3 (D1B2J) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R	●
51865SF Phospho-STING (Ser365) (D1C4T) Rabbit mAb (BSA and Azide Free)	IF-IC	M	●
20399S Phospho-TBKI/NAK (Ser172) (D52C2) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 532 Conjugate)	FC-FP	H, M, (R, Mk, X, B, Dg)	
73382T Phospho-Zap-70 (Tyr319)/Syk (Tyr352) (65E4) Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	FC-FP	H, M, (R, Hm, C, B, Dg, Pg, Hr)	

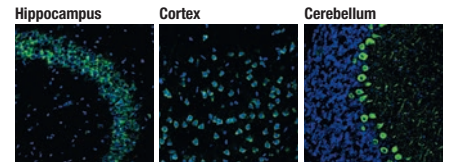




c-Jun (60A8) Rabbit mAb (BSA and Azide Free) #26325



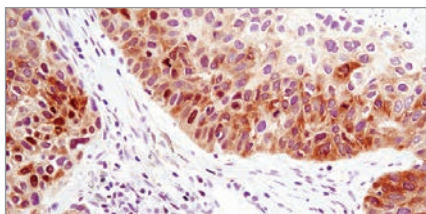
PTMScan® Nitro-Tyrosine Motif [Nitro-Y] Kit #44462



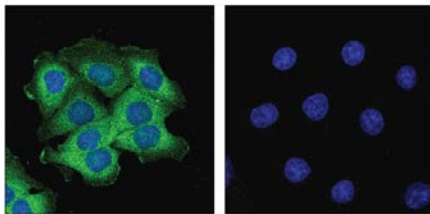
Late-Onset Alzheimer's Disease Risk Gene (Mouse Model) Antibody Sampler Kit #97888

PRODUCT	APPLICATIONS	REACTIVITY	CARRIER-FREE
<b>Infectious Disease</b>			
95561S SARS-CoV-2 Nsp9 (E3E3X) Rabbit mAb	WB	Vir	
<b>MAP Kinase Signaling</b>			
26325SF c-Jun (60A8) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk	●
9524SF Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (197G2) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R, Mk, Mi, Dm, Z, Pg	●
10242SF Src (36D10) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, (C)	●
<b>Metabolism</b>			
47213T 4F2hc/CD98 (D3F9D) XP® Rabbit mAb	WB, IHC-P, IF-IC, FC-FP, FC-L	H	
94274T 4F2hc/CD98 (D5U4G) XP® Rabbit mAb	WB, IHC-P, IF-IC	H	
40487S ACBP/DBI (E4V8V) XP® Rabbit mAb	WB, IHC-P	H, M, R	
40487T			
45365S ACBP/DBI (E6K8G) XP® Rabbit mAb	WB, IHC-P	H	
45365T			
69974SF ASCT2 (D7C12) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, Mk	●
96422S CPS1/Hep Par-1 (OCH1E5) Mouse mAb (Clone previously known as Hepatocyte Specific Antigen)	IHC-P	H	
94004T CYP17A1 (E6A7G) XP® Rabbit mAb	WB, IP, IF-F	H, M, R	
92261SF Legumain (D6S4H) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R	●
35939T Malic Enzyme 2 (E1N3F) XP® Rabbit mAb	WB, IF-IC, FC-FP	H, Mk	
68533S PAPSS1 (E6U5C) Rabbit mAb	WB	H, M, R, Mk	
95251SF PKM2 (D78A4) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk	●
35792S Xanthine Dehydrogenase/Oxidase (E2U8Y) Rabbit mAb	WB, IF-IC	H	
<b>Motif Antibodies</b>			
34200S PTMScan® Control Peptides O-GlcNAc	–	–	
44462S PTMScan® Nitro-Tyrosine Motif [Nitro-Y] Kit	–	H, M, R	
<b>Neuroscience</b>			
59678T AQP4 (D1F8E) XP® Rabbit mAb	WB, IP, IHC-P, IF-F	H, M, R	
80063SF Glutamate Dehydrogenase 1/2 (D9F7P) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk	●
84037S Iba1/ALF-1 (E4O4W) XP® Rabbit mAb (Pacific Blue™ Conjugate)	FC-FP	H, M, R	
97888T Late-Onset Alzheimer's Disease Risk Gene (Mouse Model) Antibody Sampler Kit	–	M	
35380SF TMEM119 (E3E1O) Rabbit mAb (BSA and Azide Free)	IF-F	M, (H)	●
55739S TREM2 (E4J7A) Rabbit mAb	WB	H, M	

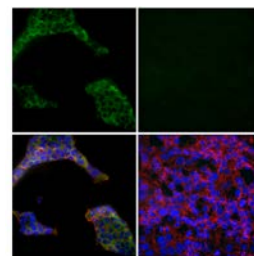




FoxO1 (C29H4) Rabbit mAb (BSA and Azide Free) #29336



Human Reactive Exosome Marker Antibody Sampler Kit #80610



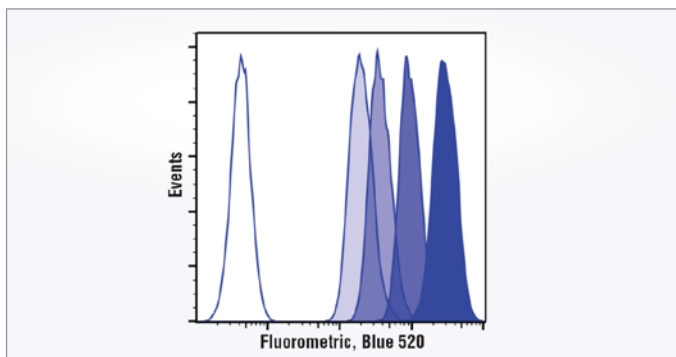
3X DYKDDDDK Tag (E7C5T) Rabbit mAb #87537

PRODUCT	APPLICATIONS	REACTIVITY	CARRIER-FREE
<b>PI3K/Akt Signaling</b>			
<b>29336SF</b> FoxO1 (C29H4) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk	●
<b>Protein Folding and Trafficking</b>			
<b>64293SF</b> Phospho-HSP27 (Ser82) (D1H2F6) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, (R, Hm, B, Dg, Hr)	●
<b>80610T</b> Human Reactive Exosome Marker Antibody Sampler Kit	–	H	
<b>79842S</b> ZDHHC5 (E7T4N) Rabbit mAb	WB, IP	H	
<b>RTK</b>			
<b>2085T</b> EGF Receptor (E746-A750del Specific) (D6B6) XP® Rabbit mAb	WB, IP, IHC-P, IF-P, IF-IC, FC-FP	H	
<b>76443S</b> EGF Receptor (D38B1) XP® Rabbit mAb (Alexa Fluor® 750 Conjugate)	FC-FP	H, M, Mk	
<b>47737SF</b> Phospho-EGF Receptor (Tyr1173) (53A5) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R	●
<b>94065SF</b> FGFR3 (C51F2) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H	●
<b>23991S</b> Phospho-FLT3 (Tyr589/591) (E4D6Y) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-FP	H	
<b>Translational Control</b>			
<b>99623S</b> ADAR1 (E6X9R) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-IC, FC-FP	H, Mk	
<b>59278S</b> DDX21 (E9O2Q) Rabbit mAb	WB, IF-IC	H, M, R, Mk	
<b>62788S</b> Phospho-S6 Ribosomal Protein (Ser235/236) (D57.2.2E) XP® Rabbit mAb (Alexa Fluor® 750 Conjugate)	FC-FP	H, M, R, Mk, Mi, Sc, (C, Pg)	
<b>88441S</b> Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP® Rabbit mAb (Alexa Fluor® 700 Conjugate)	FC-FP	H, M, R, Mk, (C, Pg)	
<b>18791S</b> TRMT6 (E7L3M) Rabbit mAb	WB, IP	H, R, Mk	
<b>30894S</b> ZFP36L1 (E6L6S) Rabbit mAb	WB	H, M, Mk	
<b>Ubiquitin and Ubiquitin-like proteins</b>			
<b>5591T</b> SENP3 (D2OAI0) XP® Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk	
<b>83816S</b> Phospho-Ubiquitin (Ser65) (E5T1W) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-FP	H, (M, R)	
<b>Related Products</b>			
<b>87537S</b> 3X DYKDDDDK Tag (E7C5T) Rabbit mAb	WB, IP, IF-IC	All	
<b>20818S</b> HA-Tag (C29F4) Rabbit mAb (Alexa Fluor® 750 Conjugate)	FC-FP	All	





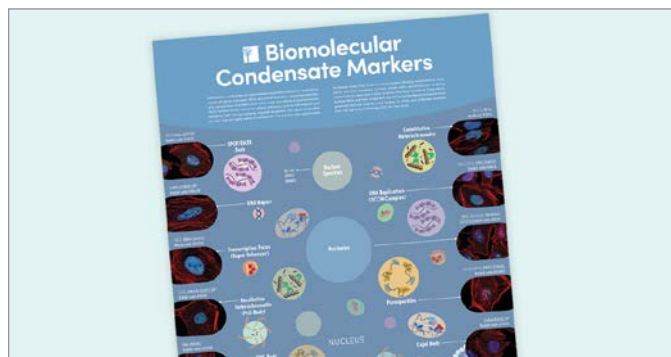
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