



New Products

FEBRUARY 2023

EuroElone®

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

HOT PRODUCTS

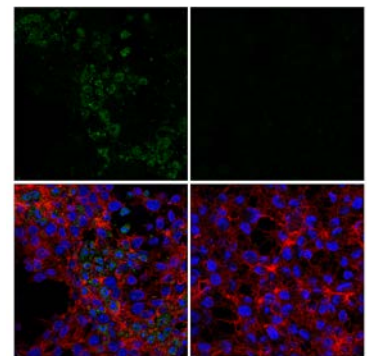
Cleaved Caspase-8 (Asp374) (E6H8S) Rabbit mAb #98134

Proteins important for induction of apoptosis

Apoptosis induced through the CD95 receptor and TNFR1 activates caspase-8 and leads to the release of the caspase-8 active fragments, p18 and p10. Activated (Cleaved) caspase-8 cleaves and activates downstream effector caspases such as caspase-1, -3, -6, and -7. Caspase-3 ultimately elicits the morphological hallmarks of apoptosis, including DNA fragmentation and cell shrinkage.

In addition to functioning as a key initiator caspase for extrinsic apoptosis, more recent studies have identified caspase-8 as a regulator of inflammatory necrotic cell death pathways such as necroptosis and pyroptosis.

KEYWORDS: Apoptosis, Cell death



IF-IC: Confocal IF analysis of HCT 116 cells (left) or CRISPR/Cas9 Casp8 knockout (KO) HCT 116 cells (right), both serum starved and then treated with Staurosporine #9953 (1 μ M, 4 hr) using #98134 (green), DyLight 650 Phalloidin #12956 (red), and DAPI #4083 (blue).

UHRF1 (E5W8W) Rabbit mAb #87632

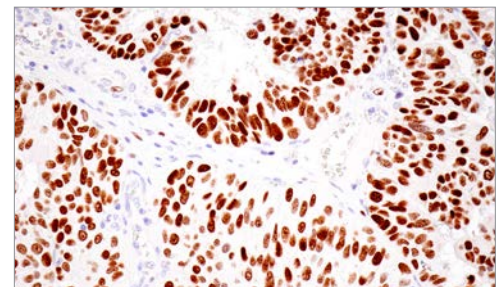
Essential for DNA methylation maintenance

UHRF1 localizes primarily with highly methylated pericentromeric heterochromatin and is required for proper structure and function of these regions of the genome.

The localization and repressive functions of UHRF1 are both mediated by several protein domains, including a UBQ domain, Tudor domain, PHD domain, SRA domain, and a RING finger domain. In addition, UHRF1 recruits DNMT1 or HDAC1 protein to target loci, resulting in methylation of DNA or deacetylation of histones, and providing an additional mechanism for transcriptional repression.

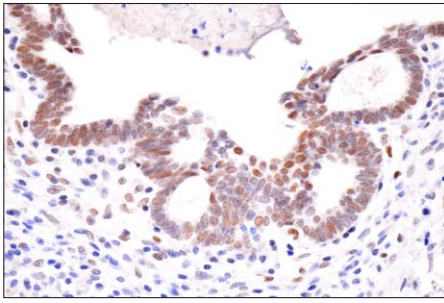
These functions are important for proper maintenance of cell growth and proliferation, as research studies have shown UHRF1 overexpression in a number of cancers (breast, lung, colon, and prostate cancer) is associated with increased proliferation and malignancy.

KEYWORDS: DNA methylation, Epigenetics, Cancer

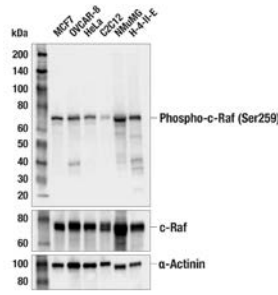


IHC-P: IHC analysis of paraffin-embedded human urothelial carcinoma using #87632.

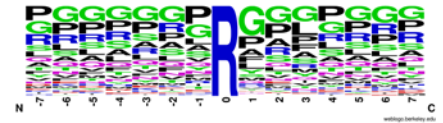




Hypoxia Activation IHC Antibody Sampler Kit #43065



Phospho-c-Raf (Ser259) (E727H) Rabbit mAb #20011



PTMScan® HS Asymmetric Di-Methyl Arginine Motif (adme-R) Kit #18303

| PRODUCT | APPLICATIONS | REACTIVITY | CARRIER-FREE |
|---|-------------------------------|------------------------------------|--------------|
| Adhesion/ECM | | | |
| 24107SF CEACAM1 (D3R8O) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H | ● |
| 55868SF Decorin (E2N2C) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H | ● |
| 37710S LAMA1 (E4M5B) Rabbit mAb | WB | H | |
| 97326S MUC16 (E9E1Z) Rabbit mAb | WB | H | |
| 79950SF Periostin (E5F2S) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H | ● |
| Apoptosis | | | |
| 10816SF Bax (E4U1V) Rabbit mAb (BSA and Azide Free) | WB, IF-IC, FC-FP | H | ● |
| 98134S Cleaved Caspase-8 (Asp374) (E6H8S) Rabbit mAb | WB, IP, IF-IC, FC-FP | H | |
| 97756SF Cleaved Caspase-8 (Asp387) (D5B2) XP® Rabbit mAb (Mouse Specific) (BSA and Azide Free) | WB, IF-IC, FC-FP | M | ● |
| 34698SF Lamin A/C (4C11) Mouse mAb (BSA and Azide Free) | WB, IHC-P, IF-F, IF-IC, FC-FP | H, M, R, Mk | ● |
| 18640S Phospho-MLKL (Ser358) (E7G7P) Rabbit mAb | WB, IP | H | |
| 45606S c-Myc (E5Q6W) Rabbit mAb (Alexa Fluor® 647 Conjugate) | FC-FP | H, M, R | |
| Autophagy | | | |
| 29362S Phospho-Becclin-1 (Ser90) (E3X11) Rabbit mAb | WB, IP | H | |
| Ca, cAMP and Lipid Signaling | | | |
| 86952SF PKCθ (E117Y) Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC, FC-FP | H, M, R, (B) | ● |
| 48842SF S100A4 (D9F9D) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M | ● |
| Cell Cycle / Checkpoint Control | | | |
| 64221S PP6C (E3V2A) Rabbit mAb | WB | H, M, R | |
| Chromatin Regulation / Nuclear Function | | | |
| 46439S PhosphoPlus® HDAC2 (Ser394) Antibody Duet | - | - | |
| 54575S Tri-Methyl-Histone H3 (Lys27) (C36B11) Rabbit mAb (Alexa Fluor® 532 Conjugate) | FC-FP | H, M, R, Mk, (X, Z) | |
| 92326S Symmetric Di-Methyl Histone H4 (Arg3) (E5Z6W) Rabbit mAb | WB, IP | H, M, R, Mk | |
| 65130S HOXB7 (E3H4S) Rabbit mAb | WB, IF-IC, ChIP | H | |
| 24903S NFI-B (E5L7U) Rabbit mAb | WB, IF-IC | H, M, R | |
| 87632S UHRF1 (E5W8W) Rabbit mAb | WB, IHC-P | H, Mk | |
| Cytoskeletal Signaling | | | |
| 19069SF β-Actin (D6A8) Rabbit mAb (BSA and Azide Free) | WB, IF-IC, FC-FP | H, M, R, Mk, Dm, Z, (Hm, C, B, Pg) | ● |
| 30731S Keratin 14 (E7J5W) Rabbit mAb | WB | H, M, R | |
| 56957SF Keratin 17 (D12E5) XP® Rabbit mAb (BSA and Azide Free) | WB, IF-IC, FC-FP | H, M, R | ● |
| 99935SF Na,K-ATPase α1 (D4Y7E) Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC | H | ● |
| 92839S PIKFYVE (E4X3R) Rabbit mAb | WB | H, M, (R) | |
| 64875SF SHP-1 (E1U6R) Rabbit mAb (BSA and Azide Free) | WB, IF-F, IF-IC, FC-FP | H, M, R | ● |
| 46222S Transferrin Receptor/CD71 (H68.4) Mouse mAb | WB, IF-IC | H, M, R | |
| Developmental Biology | | | |
| 43065T Hypoxia Activation IHC Antibody Sampler Kit | - | - | |
| 71042S RUNX2 (D1L7F) Rabbit mAb (Alexa Fluor® 488 Conjugate) | FC-FP | H, M, R | |
| 25792S SOX5 (E8S4A) Rabbit mAb | ChIP | H | |
| 74021SF Sox9 (D8C8H) Rabbit mAb (BSA and Azide Free) | WB, IHC-LB, IHC-P | H, M, (R) | ● |
| 92367SF Phospho-YAP (Ser127) (D9W2I) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M, R | ● |



| PRODUCT | APPLICATIONS | REACTIVITY | CARRIER-FREE |
|--|--|---------------------------------|---------------------------------------|
| Immunology and Inflammation | | | |
| 69360SF | Phospho-Btk (Tyr551) (E5Y6N) Rabbit mAb (BSA and Azide Free) | WB, FC-FP | ● |
| 31214SF | CD62P/P-Selectin (E8Q1W) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-LB, IHC-P | ● |
| 71381SF | CD81 (D3N2D) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | ● |
| 19713SF | FoxP3 (D6O8C) Rabbit mAb (BSA and Azide Free) | WB, FC-FP | ● |
| 70310SF | Galectin-3/LGALS3 (D412R) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC | ● |
| 82042S | IgM (E8M1B) XP® Rabbit mAb | WB, IHC-P | M |
| 82042T | | | |
| 70706SF | iNOS (E1W4J) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | M, (R) |
| 77692SF | Jak1 (6G4) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M, R, (Mk, Dg, Pg) |
| 25289SF | LAIR-1 (E7X6I) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-LB, IHC-P, IF-IC, FC-FP | H |
| 41708SF | LAT (E3U6J) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P, FC-FP | H, M |
| 19333SF | Lck (D88) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H |
| 99421S | MAGE-A11 (E2F1K) Rabbit mAb | WB | H |
| 43956SF | NF-κB2 p100/p52 (18D10) Rabbit mAb (BSA and Azide Free) | WB, IHC-P, FC-FP | H, Mk |
| 71789S | PGLYRP-1/PGRP-S (E3V2X) Rabbit mAb | WB | H |
| 61515SF | Semaphorin-4D/CD100 (E5C3B) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-LB, IHC-P | H, M |
| 65917SF | Stat1 (42H3) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, Mk |
| 81474SF | Stat3α (D1A5) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC | H, M, R, Hm, Mk, (Pg) |
| 44645SF | Stat5 (D3N2B) Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC | H |
| 81721SF | Syk (4D10) Mouse mAb (BSA and Azide Free) | WB, IHC-P, IF-IC, FC-FP | H |
| 39413SF | VWF (D8L8G) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H |
| MAP Kinase Signaling | | | |
| 20011S | Phospho-c-Raf (Ser259) (E7Z7H) Rabbit mAb | WB, IP | H, M, R |
| Metabolism | | | |
| 29528SF | Enolase-2 (E2H9X) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M, R |
| 98074SF | Phospho-Glycogen Synthase (Ser641) (D4H1B) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M, R, Mk |
| 71633SF | MRP4/ABCC4 (D1Z3W) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H, M, R |
| 99235S | NDUFB9 (E7W6K) Rabbit mAb | WB | H, M |
| Motif Antibodies | | | |
| 17011S | PTMScan® Carboxymethyl/Carboxyethyl Lysine Motif Kit | - | - |
| 18303S | PTMScan® HS Asymmetric Di-Methyl Arginine Motif (adme-R) Kit | - | - |
| 92212S | Nitro-Tyrosine (D2W9T) Rabbit mAb | WB | All |
| Neuroscience | | | |
| 79938S | Dynamin 3 (E5R5E) Rabbit mAb | WB | H, M, R |
| 51157SF | MAG (D4G3) XP® Rabbit mAb (BSA and Azide Free) | WB, IF-F | H, M, R |
| 36647SF | MOG (D5B4C) Rabbit mAb (BSA and Azide Free) | WB, IF-F | H, M, R |
| 89189S | Neuropilin-2 Antibody | WB | H |
| 66282S | PCP4 Antibody | WB | M, R |
| 55016T | Traumatic Brain Injury Biomarker Antibody Sampler Kit | - | - |
| 86180SF | TrkA (12G8) Rabbit mAb (BSA and Azide Free) | WB, IHC-P | H |
| 45058S | β3-Tubulin (E9F3E) Mouse mAb | WB, IHC-P, IF-F, IF-IC | H, M, R |
| 93624S | VGLUT2 (E7P9K) Rabbit mAb | WB, IF-F | M, R |
| Protein Folding and Trafficking | | | |
| 98494S | COMMD3 (E2X1V) Rabbit mAb | WB, IP | H, M, R, (B) |
| 96128T | Mouse Reactive Exosome Marker Antibody Sampler Kit | - | M |
| RTK | | | |
| 49876SF | DDR1 (D1G6) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-IC | H, M, R, Mk |
| Translational Control | | | |
| 20035S | DIS3 Antibody | WB | H, M, R, Mk |
| 63079S | ILF2 (E4P4P) Rabbit mAb | WB | H, M, R, Mk |
| 39249S | ILF3 (E5H6F) Rabbit mAb | WB, IHC-P, IF-IC | H, Mk |
| 40765S | eIF3D (E414S) Rabbit mAb | WB | H, M, R |
| Ubiquitin and Ubiquitin-like Proteins | | | |
| 33575SF | UCL1 (D3T2E) XP® Rabbit mAb (BSA and Azide Free) | WB, IHC-P, IF-F, IF-IC, FC-FP | H, M, R, Mk, (Hm, B, Dg, Pg, Hr, Rab) |
| 70140S | WWP1 (E1W4V) Rabbit mAb | WB | H |
| Related Products | | | |
| 70586SF | DYKDDDDK Tag (D6W5B) Rabbit mAb (Binds to same epitope as Sigma's Anti-FLAG® M2 Antibody) (BSA and Azide Free) | WB, IHC-P, IF-IC, FC-FP | All |
| 20163S | TdTomato (E3G5L) Rabbit mAb | WB, IHC-P | All |



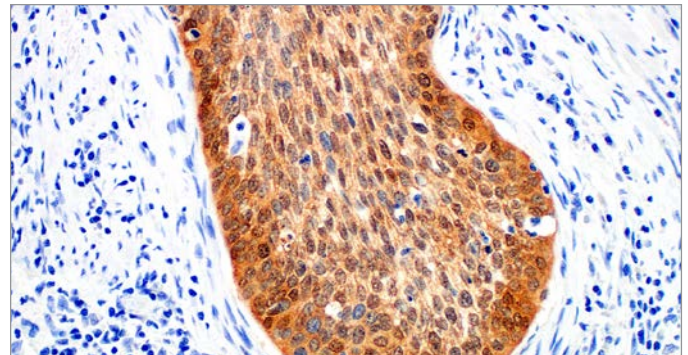
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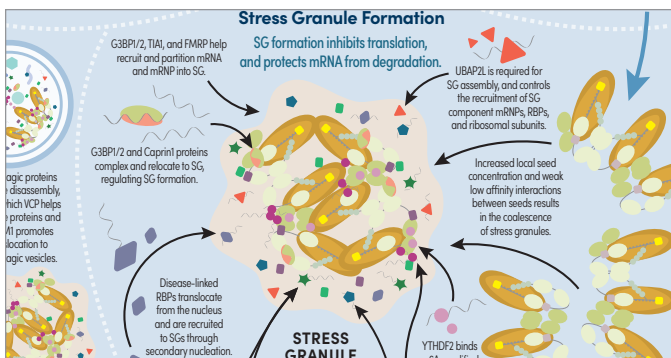
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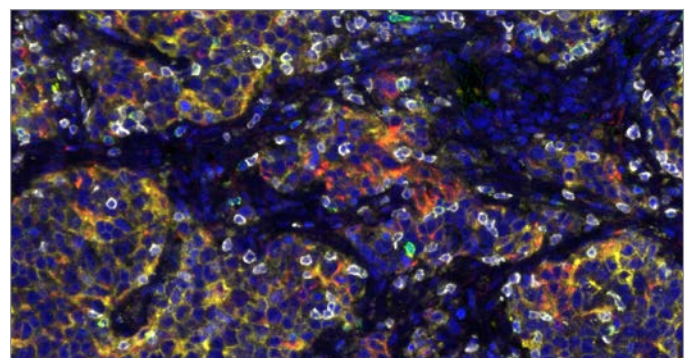
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Stress Granule Life Cycle

Download the new stress granule lifecycle diagram to learn why stress granules form and what proteins are required for their recruitment, assembly, modulation, and disassembly.

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