

	<h1>UHRF1 (1H9) Mouse mAb</h1>	E 2 2 0 0 0 5 6
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<b>Research Area:</b>	Autophagy antibody Cancer Cardiovascular Cell Biology Epigenetics & Nuclear Signaling Developmental Biologys Immunology Drug Discovery Products Metabolism Neuroscience Signal Transduction Stem Cells
<b>Antibody type:</b>	Monoclonal Antibody
<b>Applications:</b>	WB
<b>Reactivity:</b>	Human,Mouse
<b>Molecular Weight:</b>	Calculated MW: 90 kDa; Observed MW: 90 kDa
<b>Immunogen:</b>	Purified recombinant human UHRF1 protein fragments expressed in E.coil.
<b>Gene ID:</b>	29128
<b>Swiss-Prot No.:</b>	Q96T88
<b>Altername:</b>	Np95; hNP95; ICBP90; RNF106
<b>Source:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clone Number:</b>	1H9-D3-E11
<b>Purification:</b>	Affinity Purified
<b>Storage/Stability:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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<b>Background:</b>	<p>This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.</p>
<b>Shipping&amp;Stablity:</b>	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Product Type:</b>	Primary Antibody
<b>Gene Name:</b>	UHRF1
<b>Recommended Dilutions:</b>	WB: 1/500-1/1000
<b>Form of Antibody:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.