

Mouse UHMK1 Monoclonal Antibody | anti-UHMK1 antibody

UHMK1 antibody

CATALOG # AAA106629	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

UHMK1; Monoclonal Antibody; UHMK1 antibody; Monoclonal UHMK1; Anti-UHMK1; U2AF homology motif kinase 1; KIS; KIST; DKFZp434C1613; KIS protein kinase; UHMK 1; UHMK-1; anti-UHMK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2D3
Purity/Purification	UHMK1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-UHMK1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	UHMK1 a serine/threonine protein kinase that promotes cell cycle progression through G1 by phosphorylation of the cyclin-dependent kinase inhibitor 1B (p27Kip1), which causes nuclear export and degradation. The encoded protein is also thought to function in the adult nervous system and the gene has been associated with schizophrenia. Alternative splicing results in multiple transcript variants.
Cross-Reactivity	Human
Immunogen	UHMK1 antibody was raised in mouse using a full length recombinant protein of human UHMK1 (NP_787062) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant UHMK1 protein (Right) or empty vector (Left) detected with UHMK1 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant UHMK1 protein (red) or empty vector (blue) stained using UHMK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-UHMK1 antibody	Mouse monoclonal UHMK1 antibody
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Product Categories/Family for anti-UHMK1 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	28467003
NCBI GeneID	127933
NCBI Accession #	NP_787062
NCBI GenBank Nucleotide #	NM_175866.4
UniProt Accession #	Q8TAS1; Q96C22; A8K8K4; G3V1M1
Molecular Weight	39,044 Da
NCBI Official Full Name	serine/threonine-protein kinase Kist isoform 1
NCBI Official Synonym Full Names	U2AF homology motif (UHM) kinase 1
NCBI Official Symbol	UHMK1
NCBI Official Synonym Symbols	KIS; KIST; P-CIP2
NCBI Protein Information	serine/threonine-protein kinase Kist
UniProt Protein Name	Serine/threonine-protein kinase Kist
UniProt Gene Name	UHMK1
UniProt Synonym Gene Names	KIS; KIST; P-CIP2
UniProt Entry Name	UHMK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/uhmk1-antibody-clone-2d3-western-blot-flow-cytometry-elisa/106629>