

Mouse HDAC6 Monoclonal Antibody | anti-HDAC6 antibody

HDAC6 antibody

CATALOG # AAA106541	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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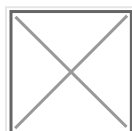
PRODUCT SYNONYMS

HDAC6; Monoclonal Antibody; HDAC6 antibody; Monoclonal HDAC6; Anti-HDAC6; Histone deacetylase 6; HD6; FLJ16239; KIAA0901; HDAC 6; HDAC-6; anti-HDAC6 antibody

PRODUCT SPECIFICATIONS

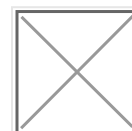
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D10
Purity/Purification	HDAC6 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1215
Applicable Applications for anti-HDAC6 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histoneacetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription.
Cross-Reactivity	Human
Immunogen	HDAC6 antibody was raised in mouse using a full length recombinant protein of human HDAC6 (NP_006035) 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



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant HDAC6 protein using HDAC6 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HDAC6 protein (Right) or empty vector (Left) detected with HDAC6 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC6 antibody	Mouse monoclonal HDAC6 antibody
Product Categories/Family for anti-HDAC6 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128864
NCBI GeneID	10013
NCBI Accession #	NP_006035
NCBI GenBank Nucleotide #	NM_006044.2
UniProt Accession #	Q9UBN7 ; O94975 ; Q6NT75 ; Q7L3E5 ; Q96CY0
Molecular Weight	114,361 Da
NCBI Official Full Name	histone deacetylase 6
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	HD6; JM21; CPBHM; PPP1R90
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6
UniProt Entry Name	HDAC6_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/hdac6-antibody-clone-1d10-western-blot-immunofluorescence-flow-cytometry-elisa/106541>