

Mouse HDAC5 Monoclonal Antibody | anti-HDAC5 antibody

HDAC5 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330077	Mouse	Human, Mouse, RatPrediction: Bovine, Horse, Sheep, Rabbit, Dog	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HDAC5; Monoclonal Antibody; HDAC5 Mouse Monoclonal Antibody; Antigen NY CO 9; Antigen NY-CO-9; HD5; HDAC 5; HDAC5_HUMAN; Histone deacetylase 5; NY CO 9; anti-HDAC5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	HDAC5 Antibody detects endogenous levels of total HDAC5.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MNSPNESDGM SGREPSLEIL PRTSLHSIPV TVEVKPVLPR AMPSSMGGGG GGSPSPVELR GALVGSVDPT LREQQLQQL LALKQQQQLQ KQLLFAEFQK QHDHLTRQHE VQLQKHLKQQ QEMPLAAKQQQ EMLAAKRQQE LEQQRQREQQ RQEELEKQRL EQQLLILRNK EKSKEIASI TEVKLRLQEF LLSKSKEPTP GGLNHSLPQH PKCWGAHHAS LDQSSPPQSG PPGTPPSYKL PLPGPYDSRD DFPLRKTASE PNLKVRSLK QKVAERRSSP LLRRKDGTVI STFKKRAVEI TGAGPGASSV CNSAPGSGPS SPNSSHSTIA ENGFTGSVPN IPTEMLPQHR ALPLDSSPNQ FSLYTSPSLP NISLGLQATV TVTNSHLTAS PKLSTQQEAE RQALQSLRQG GTLTGKFMST SSIPGCLLG V ALEGDGSPHG HASLLQHVLL LEQARQQSTL IAVPLHGQSP LVTGERVATS MRTVGKLP RH RPLSRTQSSP LPQSPQALQQ LVMQQQHQQF LEKQKQQQLQ LGKILTKTGE LPRQPTTHPE ETEEELETEQQ EVLLGEGALT MPREGSTESE STQEDLEED EEDDGEEED CIQVKDEEGE SGAEEGPDLE EPGAGYKKLF SDAQPLQLQ VYQAPLSLAT VPHQALGRTQ SSPAAPGGMK SPPDQPVKHL FTTGVVYDTF MLKHQCMCGN THVHPEHAGR IQSIWSRLQE TGLLSKCERI RGRKATLDEI QTVHSEYHTL LYGTSPNLRQ KLDSKKLLGP ISQKMYAVLP CGGIGVSDST VWNEMHSSA VRMAVGCLLE LAFKVAAGEL KNGFAIIRPP GHHAEEESTAM GFCFFNSVAI TAKLLQQKLN VGKVLIVDWD IHHGNGTQQA FYNDPSVLYI SLHRYDNGNF FPGSGAPEEV GGGPGVGYNV NVAWTGGVDP PIGDVEYLTA FRTVVMPIAH EFSPDVVLVS AGFDAVEGHL SPLGGYSVTA RCFGHLTRQL MTLAGGRVVL ALEGGHDLTA ICDASEACVS ALLSVELQPL DEAVLQQKPN INAVATLEKV IEIQSKHWSC VQKFAAGLGR SLREAQAGET EEAETVSAMA LLSVGAEQAA AAAAREHSPR PAEEPMEQEP AL
Applicable Applications for anti-HDAC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HDAC5, corresponding to a region within C-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA330077 at 1/100 staining aaaaaa by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



WB (Western Blot)
Western Blot analysis of extracts from various samples, using HDAC5 Mouse Monoclonal Antibody. Lane 1: 293 cells treated with blocking-peptides, Lane 2: 293 cells, Lane 3: PC12 cells, Lane 4: B16F10-LUC cells.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC5 antibody	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events.
Product Categories/Family for anti-HDAC5 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10014
UniProt Accession #	Q9UQL6
Molecular Weight	122 kD; 122kD(Calculated)

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/hdac5-antibody-immunohistochemistry-western-blot-elisa/330077>