

Mouse HDAC1 Monoclonal Antibody | anti-HDAC1 antibody

HDAC1 (Histone Deacetylase 1, DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1) (PE)

CATALOG # AAA26597	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HDAC1; Monoclonal Antibody; HDAC1 (Histone Deacetylase 1; DKFZp686H12203; GON-10; HD1; RPD3; RPD3L1) (PE); Histone Deacetylase 1; RPD3L1; anti-HDAC1 antibody

PRODUCT SPECIFICATIONS

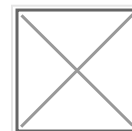
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	30
Specificity	Recognizes HDAC1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	482
Applicable Applications for anti-HDAC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	HDAC1 (AAH00301, 1aa-482aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAQTQGTRRKVCYYYDGDVGNYYYGQGHMPKPHRIRMTNLLLNLYGLYRKMEIYRPHKANAEEMTKYHSDDYIKFLRSIRPDNMSEYSKQMQRFNVG
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES



Application Data

Detection limit for recombinant GST tagged HDAC1 is approximately 0.1ng/ml as a capture antibody.



WB (Western Blot)

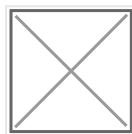
HDAC1 monoclonal antibody (M02), clone 3E1 Western Blot analysis of HDAC1 expression in Hela S3 NE (Cat # L013V3).

**IF (Immunofluorescence)**

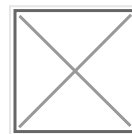
Immunofluorescence of monoclonal antibody to HDAC1 on HeLa cell. [antibody concentration 10 ug/ml]

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to HDAC1 on HeLa cell. [antibody concentration 10 ug/ml]

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

**Application Data**

Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC1 antibody	Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]
Product Categories/Family for anti-HDAC1 antibody	Antibodies ; Enzymes ; Deacetylase

NCBI AND UNIPROT INFORMATION

NCBI GI #	12653071
NCBI GeneID	3065
NCBI Official Full Name	Histone deacetylase 1
NCBI Official Synonym Full Names	histone deacetylase 1
NCBI Official Symbol	HDAC1
NCBI Official Synonym Symbols	HD1; RPD3; KDAC1; GON-10; RPD3L1
NCBI Protein Information	histone deacetylase 1

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/hdac1-antibody-clone-30-immunofluorescence-immunohistochemistry-western-blot-elisa/26597>