

Rabbit anti-Human HDAC8 Monoclonal Antibody | anti-HDAC8 antibody

HDAC8 Antibody

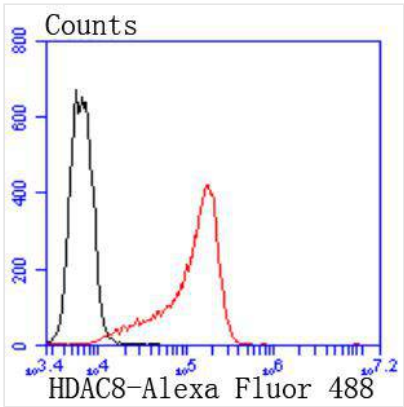
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30223	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

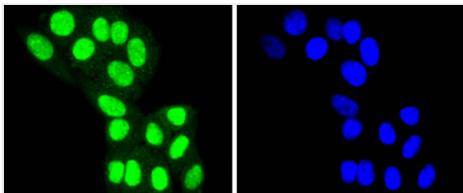
HDAC8; Monoclonal Antibody; HDAC8 Antibody; CDA07 antibody; CDLS5 antibody; HD 8 antibody; HD8 antibody; HDAC 8 antibody; Hdac8 antibody; HDAC8_HUMAN antibody; HDACL 1 antibody; HDACL1 antibody; Histone deacetylase 8 antibody; Histone deacetylase like 1 antibody; MRXS6 antibody; RPD 3 antibody; RPD3 antibody; WTS antibody; anti-HDAC8 antibody

PRODUCT SPECIFICATIONS

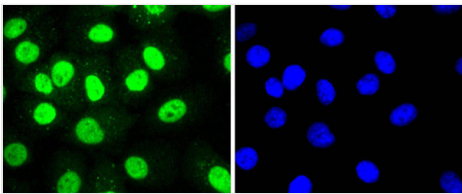
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JJ0845
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HDAC8 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:100-1:500 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



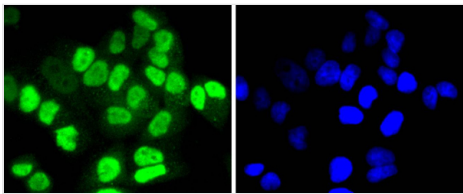
FCM (Flow Cytometry)
Flow cytometric analysis of K562 cells with HDAC8 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



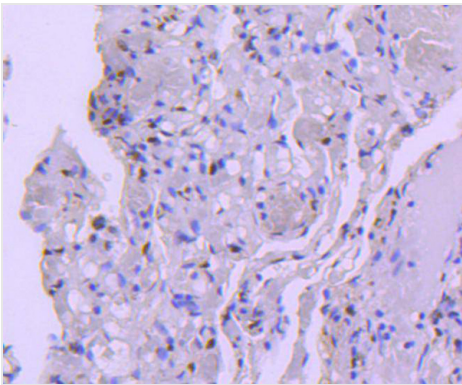
ICC (Immunocytochemistry)
ICC staining HDAC8 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



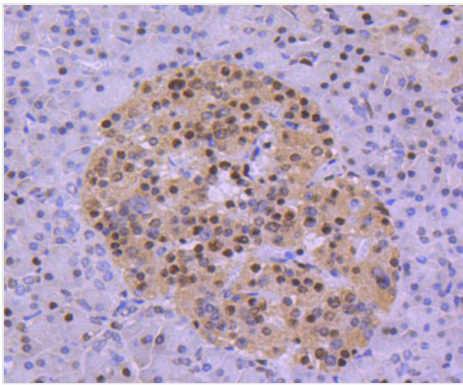
ICC (Immunocytochemistry)
ICC staining HDAC8 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining HDAC8 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-HDAC8 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-HDAC8 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC8 antibody	In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several mammalian proteins have been identified as nuclear histone acetylases, including GCN5, PCAF (p300/CBP-associated factor), p300/CBP, HAT1 and the TFIID subunit TAF II p250. Mammalian HDAC8, isolated from human kidney, is a histone deacetylase that shares homology to other HDACs but has different tissue distribution. HDAC8 is localized to the nucleus and plays a role in the development of a broad range of tissues and in the etiology of cancer.
Product Categories/Family for anti-HDAC8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29839394
NCBI GeneID	55869
UniProt Accession #	Q9BY41; Q86VC8; Q9NP76; Q9NYH4; A6ND12; A6ND61; A6NET3; A6NJR3; A8MQ62; B4DKN0; B4DV22
Molecular Weight	377
NCBI Official Full Name	Histone deacetylase 8
NCBI Official Synonym Full Names	histone deacetylase 8
NCBI Official Symbol	HDAC8
NCBI Official Synonym Symbols	HD8; WTS; RPD3; CDA07; CDLS5; MRXS6; HDACL1
NCBI Protein Information	histone deacetylase 8; histone deacetylase-like 1
UniProt Protein Name	Histone deacetylase 8
UniProt Gene Name	HDAC8
UniProt Synonym Gene Names	HDACL1; HD8
UniProt Entry Name	HDAC8_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/hdac8-antibody-clone-jj0845-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30223>