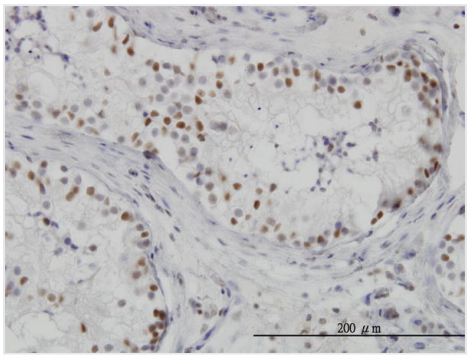
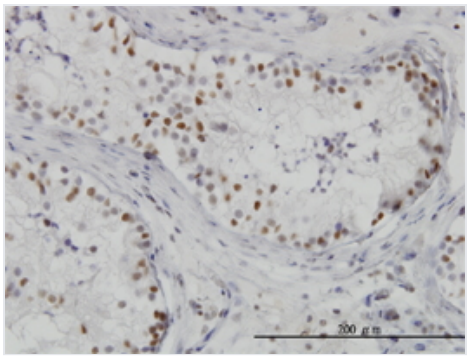
HDAC1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

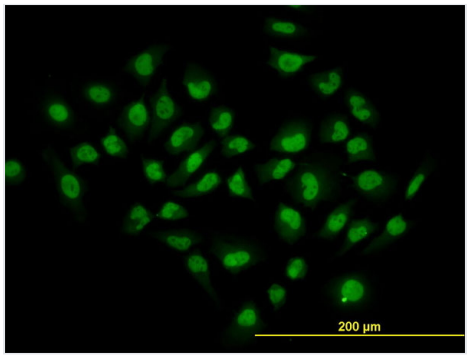
Product Name	HDAC1, Monoclonal Antibody
Full Product Name	HDAC1 (Histone Deacetylase 1, DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1) (Biotin)
Product Gene Name	anti-HDAC1 antibody
Product Synonym Names	Histone Deacetylase 1; DKFZp686H12203; GON-10; HD1; RPD3; RPD3L1
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	30
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes HDAC1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	HDAC1 (AAH00301, 1aa-482aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAQTQGTRRKVCYYYDGDVGNYYYGQGHPMKPHRIRMTHNLLLNYGLYRKMEIYRPHKANAEEMTKYHSDDYIKFLRSIRPDNMSEYSKQMQRFNVGE
Conjugate	Biotin
Product Categories/Family for anti-HDAC1 antibody	Antibodies; Enzymes; Deacetylase
Applications Tested/Suitable for anti-HDAC1 antibody	Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-HDAC1 antibody	Applications are based on unconjugated antibody.
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
Other Notes	Small volumes of anti-HDAC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for HDAC1 purchase	MBS6171107 is an antibody targeting HDAC1. Also known as HDAC1 (Histone Deacetylase 1, DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1) (B



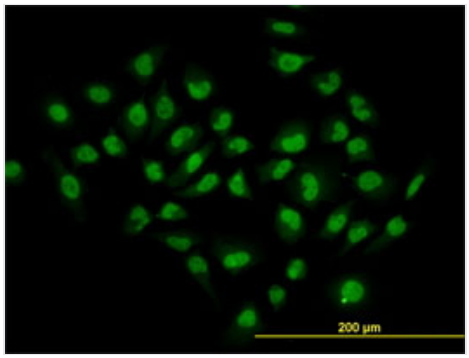
Testing Data of anti-HDAC1 antibody
Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



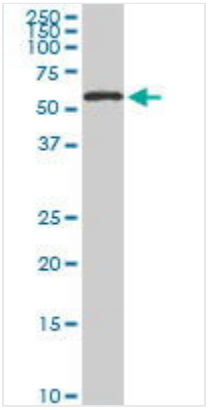
Immunohistochemistry (IHC) of anti-HDAC1 antibody
Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



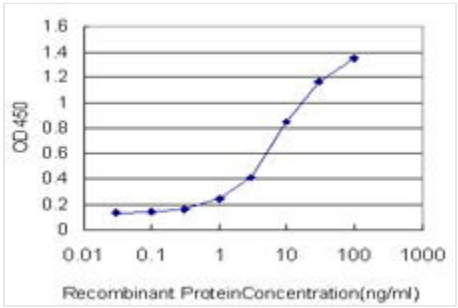
Immunofluorescence (IF) of anti-HDAC1 antibody
Immunofluorescence of monoclonal antibody to HDAC1 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-HDAC1 antibody
Immunofluorescence of monoclonal antibody to HDAC1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot (WB) of anti-HDAC1 antibody
HDAC1 monoclonal antibody (M02), clone 3E1 Western Blot analysis of HDAC1 expression in Hela S3 NE.



Testing Data of anti-HDAC1 antibody
Detection limit for recombinant GST tagged HDAC1 is approximately 0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HDAC1. It may not necessarily be applicable to this product.

NCBI GI #	12653071
NCBI GeneID	3065
NCBI Accession #	AAH00301
UniProt Related Accession #	Q13547
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
Protein Family	Msx2-interacting protein
NCBI Protein Information	histone deacetylase 1
Research Articles on HDAC1	**1.** ARID1A regulates HDAC1 activity in breast cancer.ARID1A contributes to HDAC1 recruitment and regulation of acetylation in breast cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/hdac1/6171107