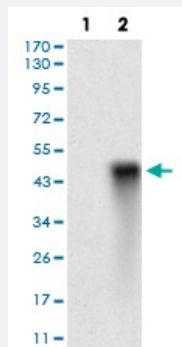


HDAC10 monoclonal antibody, clone 3B6B8

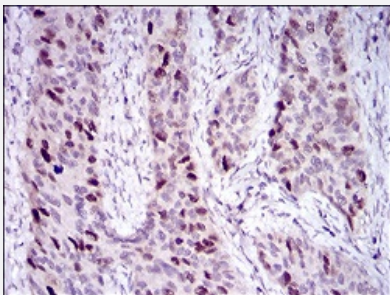
Catalog # MAB16652 Size 100 ug

Applications



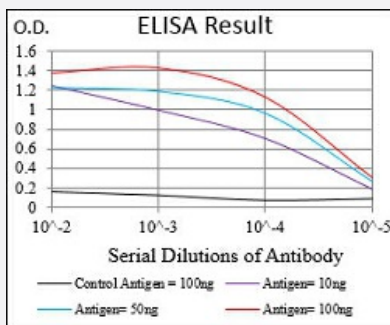
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: HDAC10-hlgGfC transfected HEK293 cell with HDAC10 monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with HDAC10 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC10 monoclonal antibody, clone 3B6B8.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human HDAC10.

Immunogen

Recombinant protein corresponding to amino acid 18-219 of human HDAC10 from *E. coli*.

Host	Mouse
Theoretical MW (kDa)	71.4
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: HDAC10-hlgGFc transfected HEK293 cell with HDAC10 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with HDAC10 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC10 monoclonal antibody, clone 3B6B8.

Gene Info — HDAC10

Entrez GeneID	83933
Gene Name	HDAC10
Gene Alias	DKFZp761B039, MGC149722
Gene Description	histone deacetylase 10

Omim ID [608544](#)

Gene Ontology [Hyperlink](#)

Gene Summary Acetylation of histone core particles modulates chromatin structure and gene expression. The opposing enzymatic activities of histone acetyltransferases and histone deacetylases, such as HDAC 10, determine the acetylation status of histone tails (Kao et al., 2002 [PubMed 11677242]).[supplied by OMIM]

Other Designations OTTHUMP00000028555

Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Liver Neoplasms](#)
- [Schizophrenia](#)