

HDAC10 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3409
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human HDAC10 (AA: 18-219) expressed in E. Coli.
Mol wt	71.4kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	HD10

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

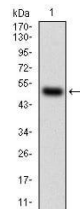
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

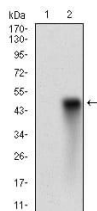
ELISA: 1:10000

Not yet tested in other applications.

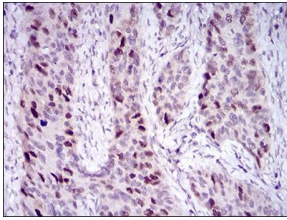
Images



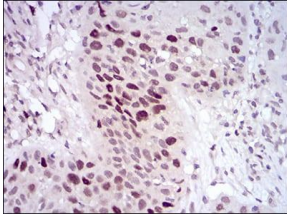
Western blot analysis using HDAC10 mAb against human HDAC10 (AA: 18-219) recombinant protein. (Expected MW is 48.6 kDa)



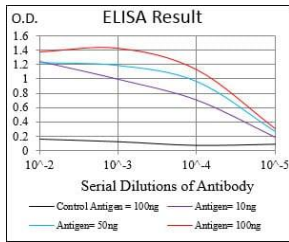
Western blot analysis using HDAC10 mAb against HEK293 (1) and HDAC10 (AA: 18-219)-hIgGfc transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using HDAC10 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using HDAC10 mouse mAb with DAB staining.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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