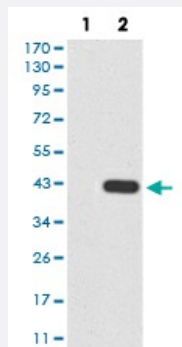


HDAC2 monoclonal antibody, clone 4C10C3

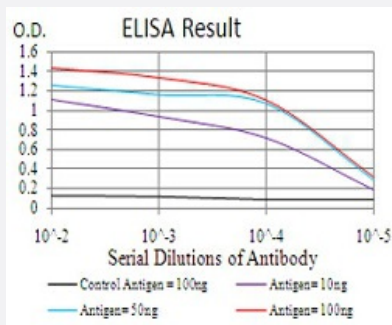
Catalog # MAB16738 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: HDAC2-hlgGFc transfected HEK293 cell with HDAC2 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC2 monoclonal antibody, clone 4C10C3.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human HDAC2.
Immunogen	Recombinant protein corresponding to amino acid 217-327 of human HDAC2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	55.4
Reactivity	Human
Form	Liquid
Isotype	IgG1

Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry 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: HDAC2-hlgGFc transfected HEK293 cell with HDAC2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC2 monoclonal antibody, clone 4C10C3.

Gene Info — HDAC2

Entrez GeneID	3066
Gene Name	HDAC2
Gene Alias	RPD3, YAF1
Gene Description	histone deacetylase 2
Omim ID	605164
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes and are responsible for the deacetylation of lysine residue s on the N-terminal region of the core histones (H2A, H2B, H3 and H4). This protein also forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus it plays an important role in transcriptional regulation , cell cycle progression and developmental events. [provided by RefSeq

Other Designations

OTTHUMP00000040427|YY1-associated factor 1|transcriptional regulator homolog RPD3

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [ACTH-Secreting Pituitary Adenoma](#)
- [Adenoma](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)