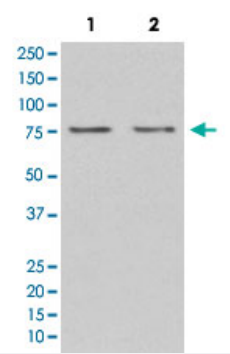
HDAC10 monoclonal antibody, clone HEO-8

Catalog # MAB20121 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa and Lane 2: 3T3 cell lysates with HDAC10 monoclonal antibody, clone HEO-8 (Cat # MAB20121).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HDAC10.
Immunogen	A synthetic peptide corresponding to human HDAC10.
Host	Rabbit
Theoretical MW (kDa)	71.445
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot analysis of Lane 1: HeLa and Lane 2: 3T3 cell lysates with HDAC10 monoclonal antibody, clone HEO-8 (Cat # MAB20121).

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — HDAC10

Entrez GeneID	83933
Protein Accession#	Q969S8
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 opp osing 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]).[suppli ed by OMIM
Other Designations	OTTHUMP00000028555

Disease

- Carcinoma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hepatitis B
- Liver Neoplasms
- Schizophrenia