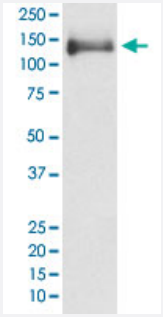
HDAC4 monoclonal antibody, clone HGI-8

Catalog # MAB20126 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HDAC4 monoclonal antibody, clone HGI-8 (Cat # MAB20126).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HDAC4.
Immunogen	A synthetic peptide corresponding to human HDAC4.
Host	Rabbit
Theoretical MW (kDa)	119.04
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) 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).

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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

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of HeLa cell lysate with HDAC4 monoclonal antibody, clone HGI-8 (Cat # MAB20126).

Gene Info — HDAC4

Entrez GeneID	9759
Protein Accession#	P56524
Gene Name	HDAC4
Gene Alias	HA6116, HD4, HDAC-A, HDACA, KIAA0288
Gene Description	histone deacetylase 4
Omim ID	605314
Gene Ontology	Hyperlink
Gene Summary	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription fa ctor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetyla se/acuc/apha family. It possesses histone deacetylase activity and represses transcription when t ethered to a promoter. This protein does not bind DNA directly, but through transcription factors M EF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [prov ided by RefSeq
Other Designations	histone deacetylase A

Disease

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- Cardiovascular Diseases
- Carotid Stenosis
- Cleft Lip
- Cleft Palate
- Craniofacial Abnormalities
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Mouth Abnormalities
- Schizophrenia

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