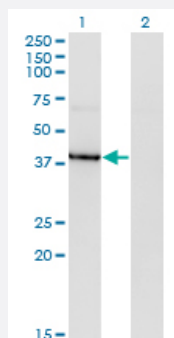


HDAC8 monoclonal antibody (M07), clone 2F4

Catalog # H00055869-M07

Size 100 ug

Applications

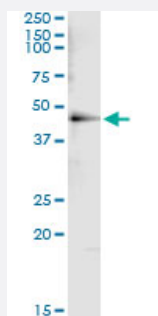


Western Blot (Transfected lysate)

Western Blot analysis of HDAC8 expression in transfected 293T cell line by HDAC8 monoclonal antibody (M07), clone 2F4.

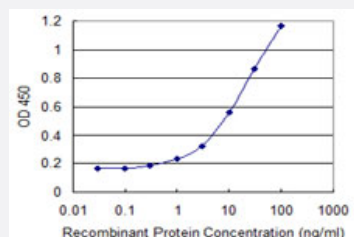
Lane 1: HDAC8 transfected lysate (41.8 kDa).

Lane 2: Non-transfected lysate.



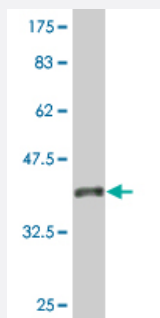
Immunoprecipitation

Immunoprecipitation of HDAC8 transfected lysate using anti-HDAC8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC8 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HDAC8 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HDAC8.
Immunogen	HDAC8 (NP_060956.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEEPEEPADSGQSLVPVYYSPEYVSMCDLAKIPKRASMVHSLIEAYALHKQMRVKPKVASME EMATFHTDAYLQHLQKVSQEGDDDDHPDSIEYGLGY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of HDAC8 expression in transfected 293T cell line by HDAC8 monoclonal antibody (M07), clone 2F4.

Lane 1: HDAC8 transfected lysate(41.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HDAC8 transfected lysate using anti-HDAC8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC8 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HDAC8 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HDAC8

Entrez GeneID [55869](#)

GeneBank Accession# [NM_018486](#)

Protein Accession# [NP_060956.1](#)

Gene Name HDAC8

Gene Alias HDACL1, RPD3

Gene Description histone deacetylase 8

Omim ID [300269](#)

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 factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. [provided by RefSeq]

Other Designations histone deacetylase-like 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)