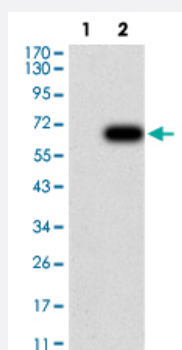


# HDAC6 monoclonal antibody, clone 4G6F9

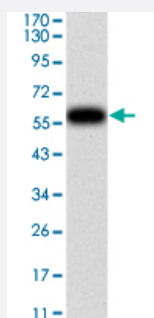
Catalog # MAB17302      Size 100 ug

## Applications



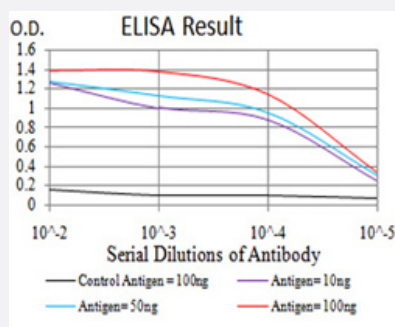
### Western Blot

Western Blot analysis of (1) HEK293 cells, (2) HDAC6-hlgGfC transfected HEK293 cell lysate.



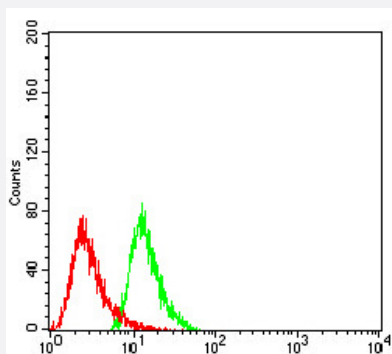
### Western Blot

Western Blot analysis of human HDAC6 recombinant protein.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC6 monoclonal antibody.



## Flow Cytometry

Flow cytometric analysis of HeLa cells using HDAC6 mouse monoclonal antibody (green) and negative control (red).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human HDAC6.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 482-800 of human HDAC6 from <i>E. coli</i> .
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	131.4
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG2b
<b>Recommend Usage</b>	ELISA (1:10000) Flow Cytometry (1:200-400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

### ● Western Blot

Western Blot analysis of (1) HEK293 cells, (2) HDAC6-hlgGfc transfected HEK293 cell lysate.

- Western Blot

Western Blot analysis of human HDAC6 recombinant protein.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HDAC6 monoclonal antibody.

- Flow Cytometry

Flow cytometric analysis of HeLa cells using HDAC6 mouse monoclonal antibody (green) and negative control (red).

## Gene Info — HDAC6

Entrez GeneID	<a href="#">10013</a>
---------------	-----------------------

Gene Name	HDAC6
-----------	-------

Gene Alias	FLJ16239, HD6, JM21
------------	---------------------

Gene Description	histone deacetylase 6
------------------	-----------------------

Omim ID	<a href="#">300272</a>
---------	------------------------

Gene Ontology	<a href="#">Hyperlink</a>
---------------	---------------------------

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 II of the histone deacetylase/acuc/alpha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription. [provided by RefSeq]
--------------	--

Other Designations	OTTHUMP00000032398
--------------------	--------------------

## Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)

- [Edema](#)

- [Parkinson disease](#)