

Product Name: HDAC6 Mouse Monoclonal Antibody**Catalog #: AMM81631**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	131.4kDa

Antigen Information

Gene Name	HDAC6
Alternative Names	HD6; JM21; CPBHM; PPP1R90
Gene ID	10013.0
SwissProt ID	Q9UBN7
Immunogen	Purified recombinant fragment of human HDAC6 (AA: 482-800) expressed in E. Coli.

Background

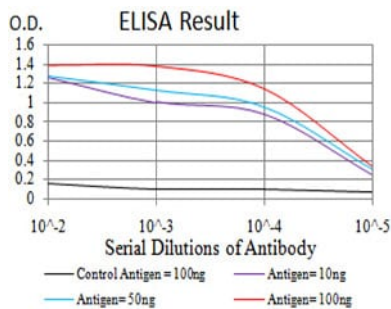
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha 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.

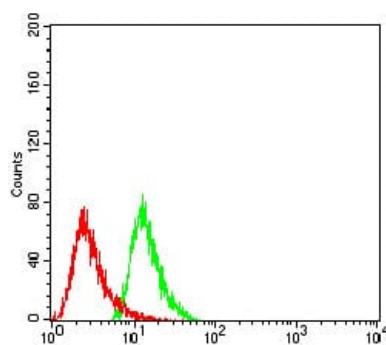
Research Area

Autophagy

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using HDAC6 mouse mAb (green) and negative control (red).