Product Name: **HDAC2 Mouse Monoclonal Antibody**
Catalog #: **AMM81510**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human,Mouse,Monkey,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	55.4kDa

Antigen Information

Gene Name	HDAC2
Alternative Names	HD2; RPD3; YAF1
Gene ID	3066.0
SwissProt ID	Q92769
Immunogen	Purified recombinant fragment of human HDAC2 (AA: 217-327) expressed in E. Coli.

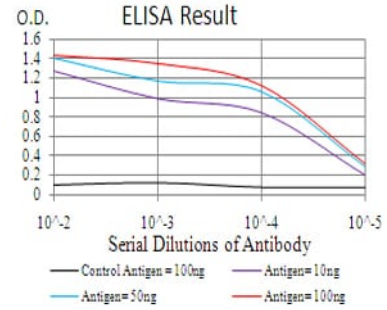
Background

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1,

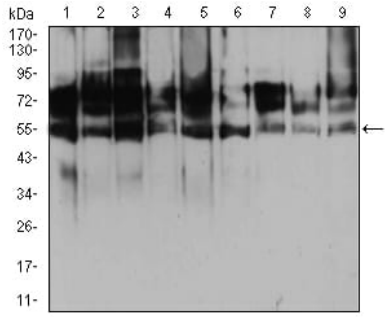
a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.

Research Area

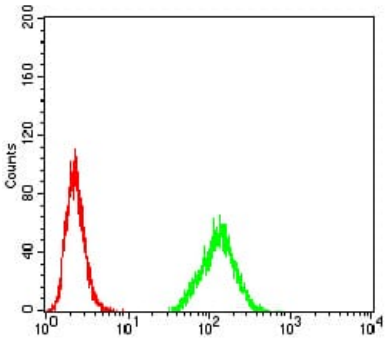
Image Data



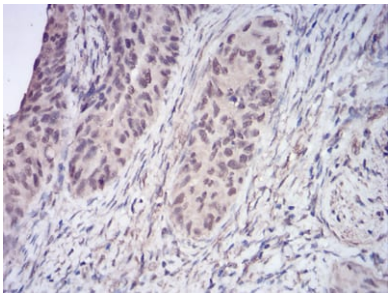
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using HDAC2 mouse mAb against Hela (1), Jurat (2), HepG2 (3), Hek293 (4), K562 (5), MCF-7 (6), NIH3T3 (7), COS7 (8) and PC-12 (9) cell lysate.



Flow cytometric analysis of Hela cells using HDAC2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using HDAC2 mouse mAb with DAB staining.