

## HDAC2 monoclonal antibody

Catalog: MB11017

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino-terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 55 kDa; Observed MW: 60 kDa

### Swiss-Prot:

Q92769

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

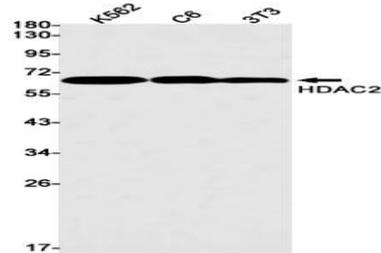
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

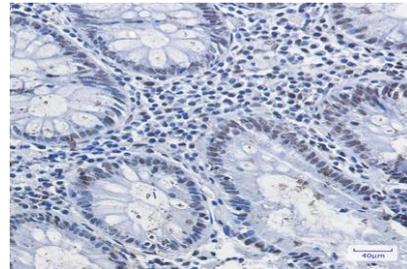
### Isotype:

IgG

### DATA:



Western blot analysis of HDAC2 in K562, C6, 3T3 lysates using HDAC2 antibody.



Immunocytochemistry analysis of HDAC2 in HeLa using HDAC2 antibody, and DAPI

Immunohistochemistry analysis of paraffin-embedded Human colon cancer using HDAC2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

### Note:

For research use only, not for use in diagnostic procedure.

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