

HDAC6 (AB1551) mouse mAb

V0082

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

- 131 kDa (calculated)
- 130180 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1551

Immunogen A synthetic peptide corresponding to the amino acid region 1100 - 1215 of the human HDAC6 protein.

Specificity The antibody can specifically recognize human HDAC6 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name HDAC6

Protein Name HDAC6

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q9UBN7	10013

Background

Histone deacetylase (HDAC) is a kind of protease, which plays an important role in chromosome structural modification and gene expression regulation. In general, histone acetylation is conducive to the dissociation of DNA and histone octamer and the relaxation of nucleosome structure, so that various transcription factors and synergistic transcription factors can specifically bind to DNA binding sites and activate gene transcription.