

HDAC6 (AB1551) mouse mAb

W0474

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

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

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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.