



HDAC6 (3B2) Mouse mAb

Catalog No	BYab-17909
Isotype	IgG2a
Reactivity	Human,Rat
Applications	WB
Gene Name	HDAC6
Alternative Names	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Host	Mouse
Molecular Weight	Calculated MW: 131 kDa; Observed MW: 160 kDa
Clonality	Monoclonal Antibody
Clonality No.	3B2-F5-G6
Dilution	WB: 1/500-1/1000
Immunogen	Purified recombinant human HDAC6 protein expressed in E.coli.
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	Involved in the regulation of many cellular processes, including cell migration, immune synapse formation, viral infection, and degradation of misfolded proteins. HDAC6 binds to both poly-ubiquitinated misfolded proteins and dynein motors, facilitating the transport of misfolded proteins to the aggresome. Required for subsequent recruitment of the autophagic machinery and clearance of

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aggresomes from the cell. Plays a key role in the protection against the deleterious effects of pathological protein aggregation that occurs in various diseases.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

