

Product Name: HDAC6 (3B2) Mouse Monoclonal Antibody
Catalog #: AMM03492

Summary

Production Name	HDAC6 (3B2) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	HDAC6
Alternative Names	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6
Gene ID	10013
SwissProt ID	Q9UBN7.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 131 kDa; Observed MW: 160 kDa

Background

Involved in the regulation of many cellular processes, including cell migration, immune synapse formation, viral infection,

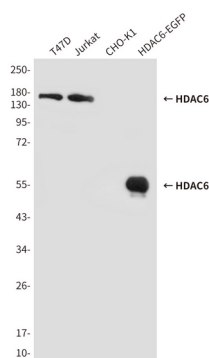
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and degradation of misfolded proteins. HDAC6 binds to both poly-ubiquitinated misfolded proteins and dynein motors, facilitating the transport of misfolded proteins to the aggresome. Required for subsequent recruitment of the autophagic machinery and clearance of aggresomes from the cell. Plays a key role in the protection against the deleterious effects of pathological protein aggregation that occurs in various diseases.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of HDAC6 in T47D, Jurkat CHO-K1(B) and CHO-K1 transfected by HDAC6fragment EGFP fusion protein lysates using HDAC6 antibody.

Note

For research use only.