

Product Datasheet

HDAC6 (3B2) Mouse mAb

Catalog No: AB3394

Reactivity: Human

Isotype: Mouse IgG2a

Applications: WB



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Information

UniProt ID: Q9UBN7

All Names: HD6;JM21;CPBHM;PPP1R90;HDAC6

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

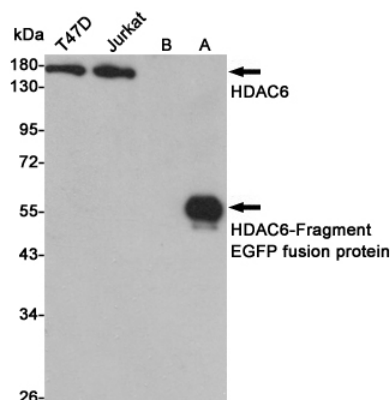
Molecular Wt.: 160kDa

Application

WB 1:500-1:1000

Background

Swiss-Prot Acc.Q9UBN7. 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 aggresomes from the cell. Plays a key role in the protection against the deleterious effects of pathological protein aggregation that occurs in various diseases.



Western blot detection of HDAC6 in T47D, Jurkat CHO-K1(B) and CHO-K1 transfected by HDAC6-fragment EGFP fusion protein cell lysates using HDAC6 mouse mAb (1:1000 diluted).

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