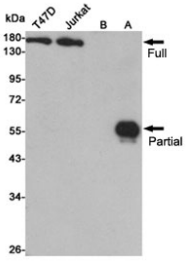
HDAC6 Antibody [clone 3B2-F5-G6] (F54055)

Catalog No.	Formulation	Size
F54055-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	3B2-F5-G6
Purity	Protein G affinity
UniProt	Q9UBN7
Applications	Western blot: 1:1000
Limitations	This HDAC6 antibody is available for research use only.



Western blot testing of lysates from human T47D, Jurkat, untransfected CHO-K1(B) and CHO-K1 transfected with an HDAC6 fragment (A) using HDAC6 antibody at 1:1000. Predicted molecular weight: 130-160 kDa (full length), ~55 kDa (partial).

Description

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the HDAC6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant protein was used as the immunogen for this HDAC6 antibody.

Storage

Store the HDAC6 antibody at -20oC.

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