

Anti-HDAC6 Mouse Monoclonal Antibody [Clone ID: OTI4C5]

Catalog Number: M00595-2

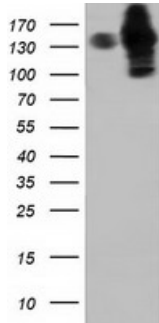
Overview

Product Name	Anti-HDAC6 Mouse Monoclonal Antibody [Clone ID: OTI4C5]
Reactive Species	Dog, Human, Monkey, Rat
Description	Boster Bio HDAC6 mouse monoclonal antibody, clone OTI4C5 (formerly 4C5). Catalog# M00595-2. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI4C5
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q9UBN7

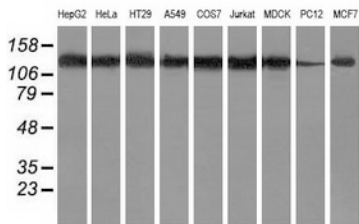
Technical Details

Immunogen	Full length human recombinant protein of human HDAC6 (NP_006035) produced in HEK293T cell.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:1000~2000 IF 1:100 Flow Cytometry 1:100 IHC 1:150

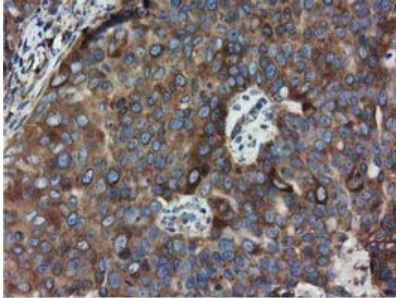
Anti-HDAC6 Mouse Monoclonal Antibody [Clone ID: OTI4C5] (M00595-2) Images



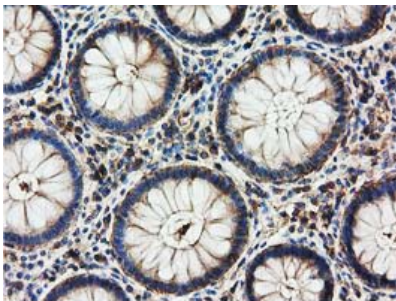
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HDAC6 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HDAC6.



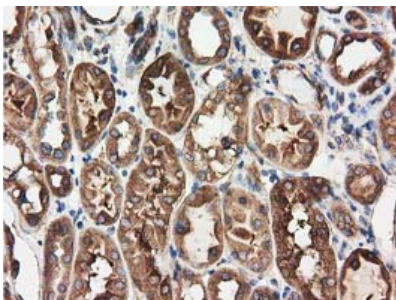
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HDAC6 monoclonal antibody.



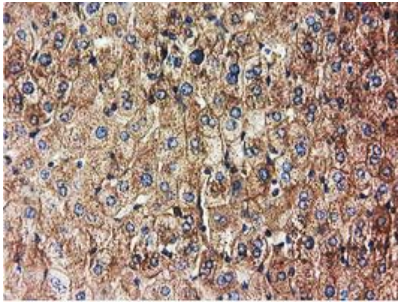
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-HDAC6 mouse monoclonal antibody (M00595-2) at 1:150 dilution.



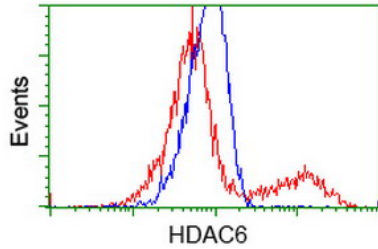
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-HDAC6 mouse monoclonal antibody (M00595-2) at 1:150 dilution.



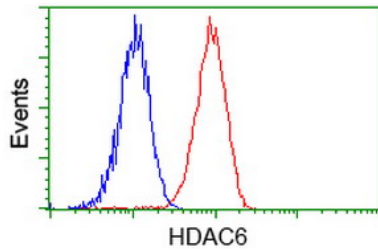
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-HDAC6 mouse monoclonal antibody (M00595-2) at 1:150 dilution.



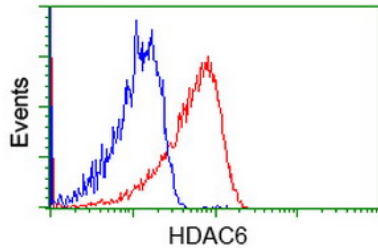
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-HDAC6 mouse monoclonal antibody (M00595-2) at 1:150 dilution.



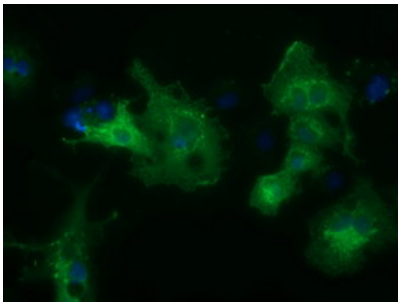
HEK293T cells transfected with either HDAC6 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HDAC6 antibody (M00595-2)



Flow cytometric Analysis of HeLa cells



Flow cytometric Analysis of Jurkat cells



Anti-HDAC6 mouse monoclonal antibody (M00595-2) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HDAC6.

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