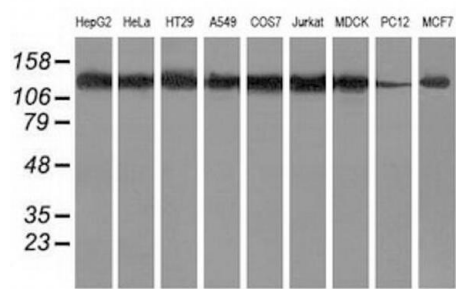


HDAC6 Monoclonal Antibody (OTI4C5)

Product Details	
Size	100 µL
Species Reactivity	Dog, Human, Non-human primate, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI4C5
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of HDAC6 produced in HEK293T cell
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2723235

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	1:100	-
ChIP assay (ChIP)	2.5 µg/10^6 cells	-

Product Images For HDAC6 Monoclonal Antibody (OTI4C5)

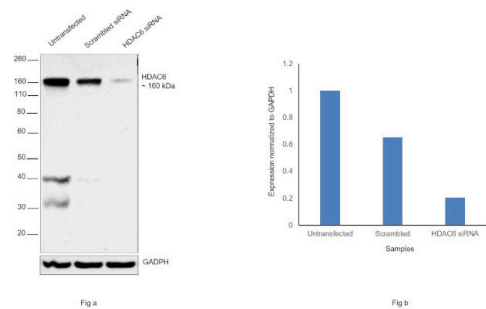


HDAC6 Antibody (MA5-25317) in WB

Western blot analysis of HDAC6 in HepG2, HeLa, HT29, A549, COS7, Jurkat, MDCK, PC12, MCF7 cells using 35 µg per lane. Samples were probed with HDAC6 (Product # MA5-25317) monoclonal antibody.

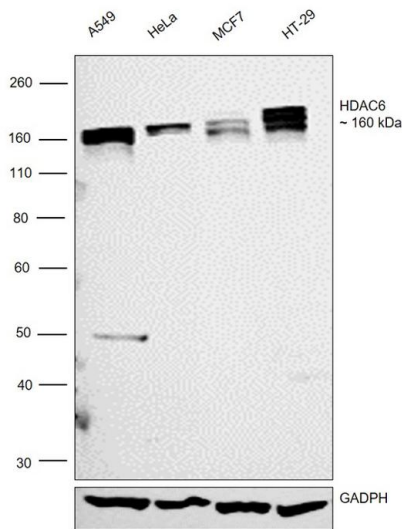
HDAC6 Antibody (MA5-25317)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A549 cells were transfected with HDAC6 siRNA and decrease in signal intensity was observed in western blot application using Anti-HDAC6 Monoclonal Antibody (OTI4C5) (Product # MA5-25317). {KD}



HDAC6 Antibody (MA5-25317) in WB

Western blot was performed using Anti-HDAC6 Monoclonal Antibody (OTI4C5) (Product # MA5-25317) and a 160kDa band corresponding to HDAC6 was observed in the cell lines tested. Whole cell extracts of A549 (Lane 1), HeLa (Lane 2), MCF7 (Lane 3) and HT-29 (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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