

Product datasheet for CF502053

OriGene Technologies, Inc.

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HDAC6 Mouse Monoclonal Antibody [Clone ID: OTI1D11]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI1D11

Applications: FC, IF, WB

Recommended Dilution: WB 1:1000~2000, IF 1:100, FLOW 1:100

Reactivity: Human, Dog, Rat, Monkey

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human HDAC6 (NP_006035) produced in HEK293T

cell

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

Reconstitution Method: For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 131.2 kDa

Gene Name: histone deacetylase 6

Database Link: NP 006035

Entrez Gene 84581 RatEntrez Gene 480907 DogEntrez Gene 711363 MonkeyEntrez Gene

10013 Human Q9UBN7

Synonyms: CPBHM; HD6; JM21; PPP1R90

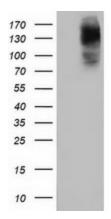




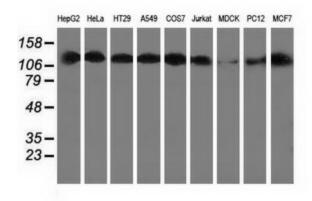
Protein Families:

Druggable Genome, Transcription Factors

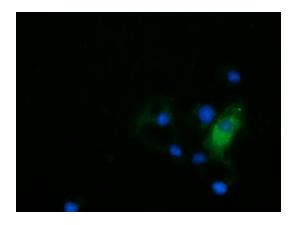
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HDAC6 ([RC209649], 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. Positive lysates [LY401822] (100ug) and [LC401822] (20ug) can be purchased separately from OriGene.

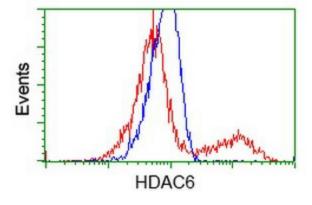


Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HDAC6 monoclonal antibody.

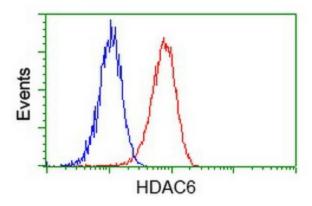


Anti-HDAC6 mouse monoclonal antibody ([TA502053]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HDAC6 ([RC209649]).

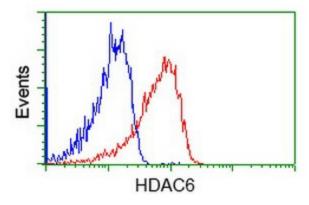




HEK293T cells transfected with either [RC209649] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HDAC6 antibody ([TA502053]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-HDAC6 antibody ([TA502053]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-HDAC6 antibody ([TA502053]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).