

Product datasheet for **TA809723M**

HDAC8 Mouse Monoclonal Antibody [Clone ID: OTI3F6]

Product data:

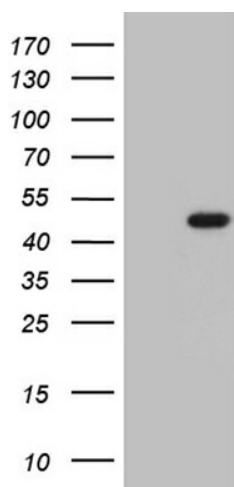
| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3F6 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-243 of human HDAC8 (NP_060956) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| 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. |
| Gene Name: | histone deacetylase 8 |
| Database Link: | NP_060956 Entrez Gene 70315 Mouse Entrez Gene 363481 Rat Entrez Gene 55869 Human Q9BY41 |
| Background: | Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009] |


[View online »](#)

Synonyms: CDA07; CDLS5; HD8; HDACL1; MRXS6; RPD3; WTS

Protein Families: Druggable Genome, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HDAC8 [RC208390], 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-HDAC8 (1:2000) (TA809723). Positive lysates [LY413013] (100ug) and [LC413013] (20ug) can be purchased separately from OriGene.