

## Product datasheet for **CF806191**

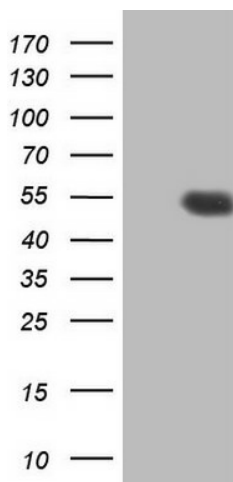
### HDAC3 Mouse Monoclonal Antibody [Clone ID: OTI4E10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4E10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-235 of human HDAC3(NP_003874) produced in E.coli.
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:	48.7 kDa
Gene Name:	histone deacetylase 3
Database Link:	<a href="#">NP_003874</a> <a href="#">Entrez Gene 15183 Mouse</a> <a href="#">Entrez Gene 84578 Rat</a> <a href="#">Entrez Gene 8841 Human</a> <a href="#">Q15379</a>
Synonyms:	HD3; RPD3; RPD3-2
Protein Families:	Druggable Genome, Transcription Factors



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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HDAC3 (Cat# [RC200605], 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-HDAC3 (Cat# [TA806191]). Positive lysates [LY401280] (100ug) and [LC401280] (20ug) can be purchased separately from OriGene.