

Mouse Monoclonal Antibody to HDAC2

Catalogue Number	sAP-1166
Target Molecule	Name: HDAC2 Aliases: HD2; RPD3; YAF1 MW: 55.4kDa Entrez Gene ID: 3066
Description	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.;
Immunogen	Purified recombinant fragment of human HDAC2 (AA: 217-327) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4C10C3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Zhonghua Bing Li Xue Za Zhi. 2012 Jul;41(7):466-9. ; 2.J Cell Biochem. 2012 Jun;113(6):2167-77.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**