

## Mouse Monoclonal Antibody to HDAC10

<b>Catalogue Number</b>	sAP-1080
<b>Target Molecule</b>	<p><b>Name:</b> HDAC10</p> <p><b>Aliases:</b> HD10</p> <p><b>MW:</b> 71.4kDa</p> <p><b>Entrez Gene ID:</b> 83933</p>
<b>Description</b>	The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human HDAC10 (AA: 18-219) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM3B6B8;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Biol Chem. 2013 Sep 27;288(39):28021-33.; 2. Biochem Biophys Res Commun. 2007 Nov 23;363(3):776-81.

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 ender users! This product is sold for **Research Use Only**