

Mouse Monoclonal Antibody to KDM4A

Catalogue Number	sAP-0440
Target Molecule	Name: KDM4A Aliases: JMJD2; JHDM3A; JMJD2A; KIAA0677; KDM4A MW: 120kDa Entrez Gene ID: 9682
Description	This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.
Immunogen	Purified recombinant fragment of human KDM4A expressed in E. Coli.
Reactive Species	Human
Clone	MM5H1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Genome Res. 2004 Sep;14(9):1711-8. ; 2. Nat Methods. 2005 Aug;2(8):591-8. ; 3. Cell. 2006 May 19;125(4):691-702.

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**