

## Mouse Monoclonal Antibody to KDM4A

**Catalogue Number** sAP-1240

**Target Molecule** **Name:** KDM4A

**Aliases:** JMJD2; JHDM3A; JMJD2A; TDRD14A

**MW:** 120.6kDa

**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 nucleic 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 (AA: 932-1057) expressed in E. Coli.

**Reactive Species** Human;

**Clone** MM6E10G4;

**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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. Asian Pac J Cancer Prev. 2014;15(7):3051-6. ; 2. J Cell Biochem. 2012 Apr;113(4):1368-76. ;

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**