

Mouse Monoclonal Antibody to KDM1A

Order Information

Catalog#	31023	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants.

Specification

Aliases : AOF2; CPRF; KDM1; LSD1; BHC110

Entrez GeneID : 23028

Swissprot : O60341

clone : 5B2D5

WB Predicted band size : 93kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human KDM1A (AA: 55-263) expressed in E. Coli.

Formulation : Purified antibody in PBS with 0.05% sodium azide

Application

WB	1/500 - 1/2000
ICC	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

References

- 1.Int J Clin Exp Pathol. 2014 Dec 1;7(12):8929-34.
- 2.Blood. 2014 Jul 3;124(1):151-2.

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Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

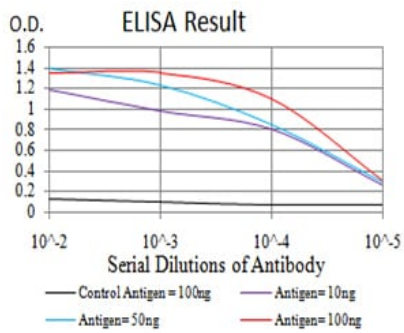
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

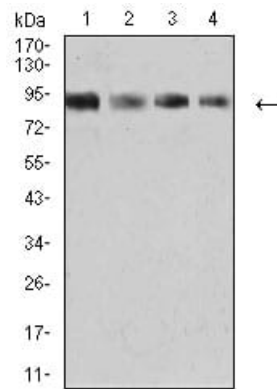
Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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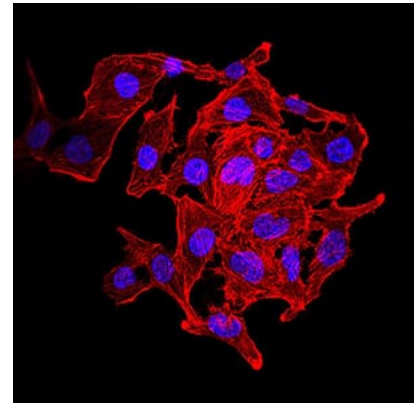
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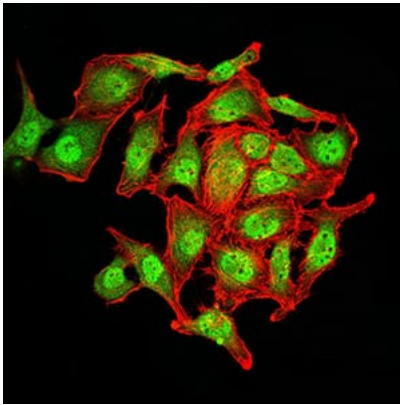
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



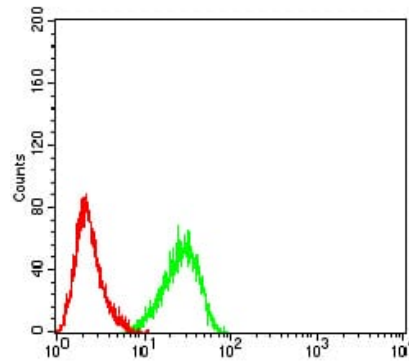
Western blot analysis using KDM1A mouse mAb against K562 (1), SW480 (2), Jurkat (3), and HeLa (4) cell lysate.



Immunofluorescence analysis of SK-OV-3 cells using KDM1A mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of SK-OV-3 cells using KDM1A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using KDM1A mouse mAb (green) and negative control (red).

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