

## KDM1A monoclonal antibody

Catalog: MB22164

Host: Mouse

Reactivity: Human

### BackGround:

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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

93kDa

### Swiss-Prot:

O60341

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IF:1/200 - 1/1000 FC:1/200 - 1/400

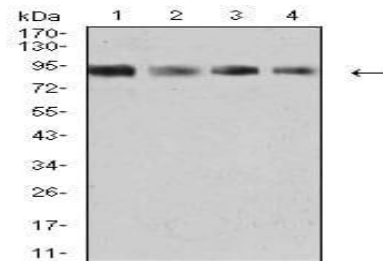
### Storage&Stability:

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

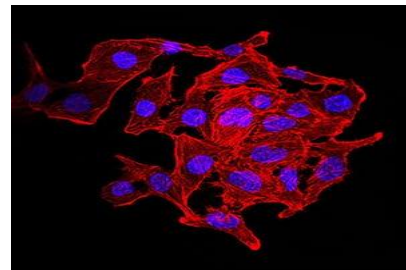
### Isotype:

Mouse IgG1

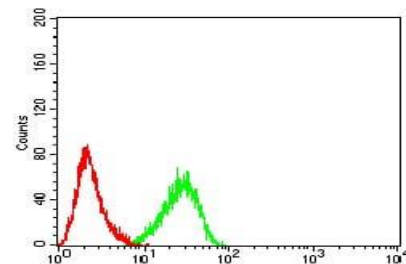
### DATA:



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.



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

### Note:

For research use only, not for use in diagnostic procedure.

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