

## KDM1A monoclonal antibody

Catalog: MB22805

Host: Mouse

Reactivity: Human, Mouse, Monkey

### 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 IHC:1/200 - 1/1000 IF:1/500 - 1/2000  
FC:1/200 - 1/400

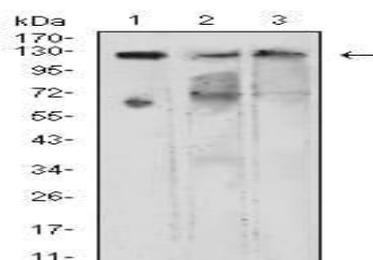
### Storage&Stability:

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

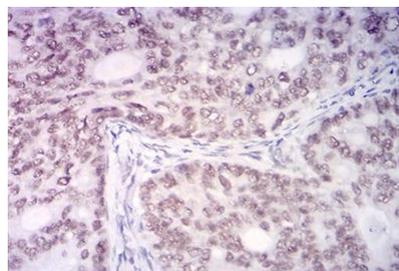
### Isotype:

Mouse IgG1

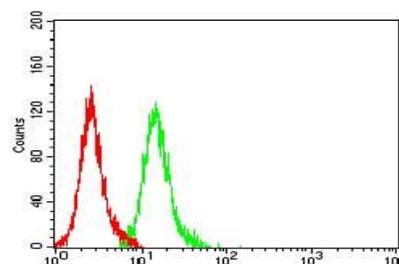
### DATA:



Western blot analysis using KDM1A mouse mAb against COS7 (1), NIH/3T3 (2), and A549 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using KDM1A mouse mAb with DAB staining.



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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