

## SMARCA2 monoclonal antibody

Catalog: MB23468

Host: Mouse

Reactivity: Human

### BackGround:

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of *Drosophila*. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism. [provided by RefSeq, Jan 2014]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

181.3kDa

### Swiss-Prot:

P51531

### 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:1/500-1/1000    IHC:1/200-1/400    IF:1/25-1/50  
FC:1/200 - 1/400

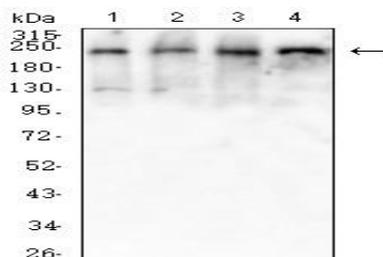
### Storage&Stability:

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

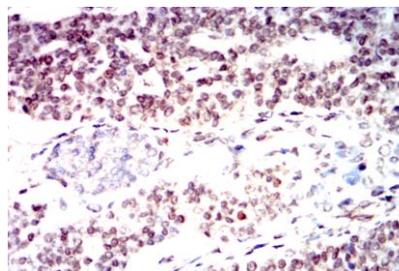
### Isotype:

Mouse IgG1

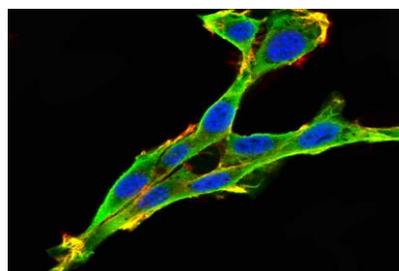
### DATA:



Western blot analysis using SMARCA2 mouse mAb against HeLa(1),HEK293(2),HepG2(3),A431(4)cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using SMARCA2 mouse mAb with DAB staining.



Confocal Immunofluorescence analysis of NIH3T3 cells using SMARCA2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

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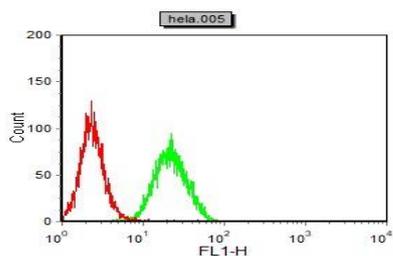
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**Note:**

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

Flow cytometric analysis of HeLa cells using SMARCA2 mouse mAb (green) and negative control (red).

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