

## SDHA monoclonal antibody

Catalog: MB23331

Host: Mouse

Reactivity: Human, Mouse

### BackGround:

This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

72.7KDa

### Swiss-Prot:

P31040

### 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

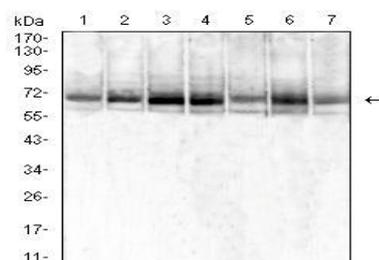
### Storage&Stability:

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

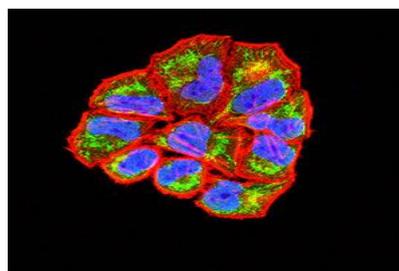
### Isotype:

Mouse IgG2a

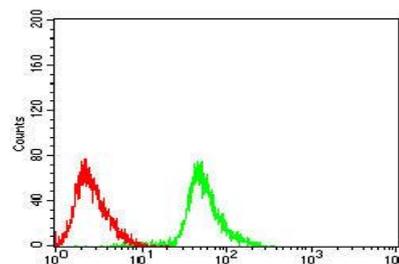
### DATA:



Western blot analysis using SDHA mouse mAb against Jurkat (1), MCF-7 (2), HeLa (3), HepG2 (4), PC-3 (5), HL-60 (6), and NIH/3T3 (7) cell lysate.



Immunofluorescence analysis of HeLa cells using SDHA 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 Raji cells using SDHA mouse mAb (green) and negative control (red).

### Note:

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

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