

## Mouse anti-Human, Mouse Succinate Dehydrogenase Complex Subunit A (SDHA) Monoclonal Antibody | anti-SDHA antibody

Monoclonal Antibody to Succinate Dehydrogenase Complex Subunit A (SDHA)

| CATALOG # | HOST  | REACTIVITY   | APPLICATIONS                                                                 |
|-----------|-------|--------------|------------------------------------------------------------------------------|
| AAA151897 | Mouse | Human, Mouse | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

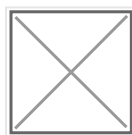
### PRODUCT SYNONYMS

Succinate Dehydrogenase Complex Subunit A (SDHA); Monoclonal Antibody; Monoclonal Antibody to Succinate Dehydrogenase Complex Subunit A (SDHA); SDHA/Succinate Dehydrogenase Complex Subunit A; SDH2; SDHF; FP; Flavoprotein; Flavoprotein subunit of complex II; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; anti-SDHA antibody

### PRODUCT SPECIFICATIONS

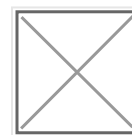
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                                        | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clone Number                                   | C1                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                    | The antibody is a mouse monoclonal antibody raised against SDHA. It has been selected for its ability to recognize SDHA in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                               |
| Purity/Purification                            | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                    | Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-SDHA antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                          |
| Immunogen Type                                 | Prokaryotic Recombinant proteins/RP                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence of Immunogen                          | Val4~Ile300                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                        | Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

### IMAGES



#### WB (Western Blot)

Western Blot; Sample: Lane1: Mouse Heart lysate; Lane2: Mouse Liver lysate; Lane3: Mouse Cerebrum lysate; Lane4: Mouse Kidney lysate; Lane5: HepG2 cell lysate; Lane6: 293T cell lysate Primary Ab: 0.1ug/ml Mouse AntiMouse SDHA Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal



#### IF (Immunofluorescence)

FITC staining on IF; Sample: Human HeLa cell; Primary Ab: 30ug/ml Mouse AntiMouse SDHA Antibody Second Ab: 2ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)

ADDITIONAL INFORMATION

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| Product Categories/Family for anti-SDHA antibody | Enzyme & Kinase; Primary |
|--------------------------------------------------|--------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 54607098                                                                 |
| NCBI GeneID                      | 66945                                                                    |
| NCBI Accession #                 | NP_075770.1                                                              |
| NCBI GenBank Nucleotide #        | NM_023281.1                                                              |
| UniProt Accession #              | Q8K2B3; Q0QF19; Q3UH25; Q3UKP7; Q3V4B1; Q921P5; Q9Z1Z4                   |
| Molecular Weight                 | 72,585 Da                                                                |
| NCBI Official Full Name          | succinate dehydrogenase                                                  |
| NCBI Official Synonym Full Names | succinate dehydrogenase complex, subunit A, flavoprotein (Fp)            |
| NCBI Official Symbol             | Sdha                                                                     |
| NCBI Official Synonym Symbols    | FP; SDH2; SDHF; C81073; 4921513A11; 1500032O14Rik; 2310034D06Rik         |
| NCBI Protein Information         | succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| UniProt Protein Name             | Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| UniProt Gene Name                | Sdha                                                                     |
| UniProt Synonym Gene Names       | Fp                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/succinate-dehydrogenase-complex-subunit-a-sdha-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151897>