

Mouse SDHB (Succinate Dehydrogenase B) Monoclonal Antibody | anti-SDHB antibody

SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Mouse Monoclonal Antibody [Clone SDHB/2126]

CATALOG # AAA215910	HOST Mouse	REACTIVITY HumanOthers-not known.	APPLICATIONS Immunohistochemistry, Western Blot
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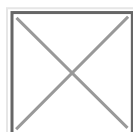
PRODUCT SYNONYMS

SDHB (Succinate Dehydrogenase B); Monoclonal Antibody; SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Mouse Monoclonal Antibody [Clone SDHB/2126]; SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker); CWS2; DHSB; Iron-sulfur subunit of complex II; PGL4; SDH2; SDHB; SDHIP; Succinate dehydrogenase [ubiquinone] iron-sulfur subunit; mitochondrial; Succinate Dehydrogenase Complex Subunit B Iron Sulfur Protein; anti-SDHB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Others-not known.
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	SDHB/2126
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SDHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human SDHB fragment around aa 165-273 (Exact sequence is proprietary)
Cellular Localization	Cytoplasmic (Mitochondria)
Positive Control	Jurkat or HepG2 Cells. Kidney
Hu-chromosome Location	1p36.13
Unigene	465924
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Kidney stained with SDHB Mouse Monoclonal Antibody (SDHB/2126).

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody	Succinate dehydrogenase (SDH) is Complex II in the mitochondria, vital for mitochondrial electron transport, as well as Krebs cycle function. Four subunits comprise the SDH protein complex: a flavochrome subunit (SDHA), an iron-sulfur protein (SDHB) and two membrane-bound subunits (SDHC and SDHD) anchored to the inner mitochondrial membrane. The SDH complex functions as a tumor suppressor. Loss of any subunit proteins lead to destabilization of the complex and tumor formation. Antibody to SDHB is helpful in the identification of pheochromocytomas, paragangliomas and GIST.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20455488
NCBI GeneID	6390
UniProt Accession #	P21912; Q0QEY7; Q9NQ12; B2R545
Molecular Weight	31,630 Da
NCBI Official Full Name	Succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit B, iron sulfur (lp)
NCBI Official Symbol	SDHB
NCBI Official Synonym Symbols	IP; SDH; CWS2; PGL4; SDH1; SDH2; SDHIP
NCBI Protein Information	succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial; succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial; iron-sulfur subunit of complex II
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
UniProt Gene Name	SDHB
UniProt Synonym Gene Names	SDH; SDH1; lp
UniProt Entry Name	SDHB_HUMAN

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/sdhb-succinate-dehydrogenase-b-antibody-clone-sdhb-2126-immunohistochemistry-western-blot-elisa/215910>