

Cat. No: MAB-94592**Size:** 100 ug**Clone:** SDH**Concentration:** 1mg/ml**Host:** Rb**Isotype:** IgG**Immunogen:** A synthesized peptide derived from human SDHB**Reactivity:** Hu, Ms, Rt**Applications:** Western Blot: 1:500 - 1:2000**Molecular Weight:** 32kDa**Purification:** Aff. Pur.**Synonyms:** CWS2; IP; PGL4; SDH; SDH1; SDH2; SDHIP**Background:**

Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved and contains three cysteine-rich clusters which may comprise the iron-sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis.

Form: Liquid**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.**Storage:** Store at -20°C. Avoid freeze / thaw cycles.

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