

# Product Datasheet

## **SDHB Antibody (SDHB/2382) [Janelia Fluor® 549] NBP3-08537JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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**NBP3-08537JF549**

SDHB Antibody (SDHB/2382) [Janelia Fluor® 549]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SDHB/2382
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	6390
Gene Symbol	SDHB
Species	Human
Marker	Pheochromocytoma Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant fragment (around aa 165-273) of human SDHB protein (exact sequence is proprietary) (Uniprot: P21912)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, Protein Array
Recommended Dilutions	Western Blot, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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**Products Related to NBP3-08537JF549**

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NBP1-43317JF549	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Janelia Fluor 549]
NBP2-52920PEP	SDHB Recombinant Protein Antigen
NBL1-15766	SDHB Overexpression Lysate
AF482	Ret Antibody [Unconjugated]

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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