

# Recombinant SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Antibody Rabbit Monoclonal Antibody [Clone SDHB/6697R]

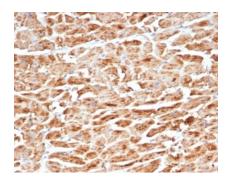
Catalog No	Format	Size
6390-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6390-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6390-RBM7-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
	Purified Ab WITHOUT BSA and Azide at 1.0mg/mi	

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	C C	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

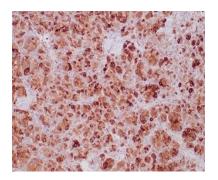
Gene Name   SDHB     Immunogen   Synthetic peptide corresponding to residues in human SDHB was used as an immunogen     Host   Rabbit     Clonality   Monoclonal     Isotype / Light Chain   IgG / Kappa     Mol. Weight of Antigen   32kDa	Product Details		
Immunogen   Synthetic peptide corresponding to residues in human SDHB was used as an immunogen     Host   Rabbit     Clonality   Monoclonal     Isotype / Light Chain   IgG / Kappa     Mol. Weight of Antigen   32kDa	Clone	SDHB/6697R	
Host Rabbit   Clonality Monoclonal   Isotype / Light Chain IgG / Kappa   Mol. Weight of Antigen 32kDa	Gene Name	SDHB	
Clonality Monoclonal   Isotype / Light Chain IgG / Kappa   Mol. Weight of Antigen 32kDa	Immunogen	Synthetic peptide corresponding to residues in human SDHB was used as an immunogen	
Isotype / Light Chain IgG / Kappa   Mol. Weight of Antigen 32kDa	Host	Rabbit	
Mol. Weight of Antigen 32kDa	Clonality	Monoclonal	
	Isotype / Light Chain	IgG / Kappa	
Cellular Localization Mitochondrion inner membrane	Mol. Weight of Antigen	32kDa	
	Cellular Localization	Mitochondrion inner membrane	
Species Reactivity Human	Species Reactivity	Human	
Positive Control Jurkat or HepG2 cells. Human kidney or heart tissue.	Positive Control	Jurkat or HepG2 cells. Human kidney or heart tissue.	

\*Optimal dilution for a specific application should be determined.

#### Product Images for Recombinant SDHB (Succinate Dehydrogenase B) (Pheochromocytoma Marker) Antibody



Formalin-fixed, paraffin-embedded human heart stained with SDHB Recombinant Rabbit Monoclonal Antibody (SDHB/6697R).



Formalin-fixed, paraffin-embedded human paraganglioma stained with SDHB Recombinant Rabbit Monoclonal Antibody (SDHB/6697R).

## **Specificity & Comments**

Succinate dehydrogenase B (SDHB) is an iron-sulfur subunit of mitochondrial complex II, a key component of the citric acid cycle and the electron transport chain, a respiratory complex that catalyzes the oxidation of succinate in the mitochondrial membrane. Many cancers are generally positive for SDHB, including renal cell carcinomas and gastrointestinal stromal tumors. A subset of RCC and GIST tumors that are associated with SDH mutations, Carney-Stratakis Syndrome or Carney Triad exhibit a loss of SDHB expression.

## **Supplied As**

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.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### **Research Areas**

Cardiovascular, Colon Cancer, Mitochondria Marker



# **Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

