

For Research Use Only

SHMT2 Monoclonal antibody

Catalog Number: 67980-1-Ig



Basic Information

Catalog Number: 67980-1-Ig	GenBank Accession Number: BC011911	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 6472	CloneNo.: 3A2H9
Source: Mouse	UNIPROT ID: P34897	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:650-1:2600
Isotype: IgG1	Full Name: serine hydroxymethyltransferase 2 (mitochondrial)	
Immunogen Catalog Number: AG1584	Calculated MW: 55 kDa	
	Observed MW: 52-55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, rat	WB : NCCIT cells, HSC-T6 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC : human colon cancer tissue, human breast cancer tissue

Storage

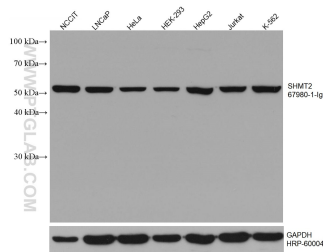
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

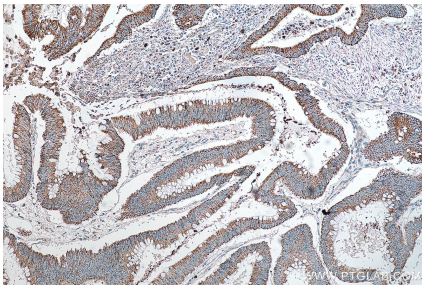
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67980-1-Ig (SHMT2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67980-1-Ig (SHMT2 antibody) at dilution of 1:1300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).