

For Research Use Only

SPTBN1 Monoclonal antibody, PBS Only



Catalog Number: 67978-1-PBS

Basic Information

Catalog Number: 67978-1-PBS	GenBank Accession Number: BC137282	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6711	CloneNo.: 1E1D1
Source: Mouse	UNIPROT ID: Q01082	
Isotype: IgG1	Full Name: spectrin, beta, non-erythrocytic 1	
Immunogen Catalog Number: AG31713	Calculated MW: 2364 aa, 275 kDa	
	Observed MW: 250-275 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, mouse, rat, rabbit, pig

Background Information

SPTBN1 is the non-erythrocytic form of β -spectrin or β -fodrin. Spectrins are members of the superfamily of F-actin cross linking proteins that are important as scaffolding proteins for protein sorting, cell adhesion, and migration. Reduced expression of SPTBN1 has been found to correlate with shorter survival of patients with hepatocellular cancer, pancreatic cancer and other malignancies of the gastrointestinal tract, suggesting tumor suppression ability of this protein.

Storage

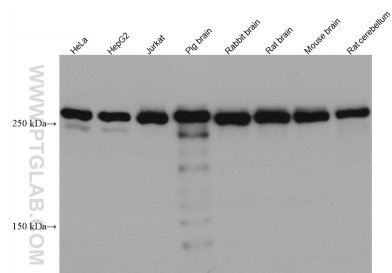
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

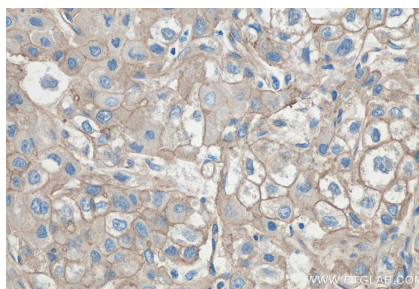
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67978-1-Ig (SPTBN1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67978-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67978-1-Ig (SPTBN1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67978-1-PBS in a different storage buffer formulation.