

For Research Use Only

SPTB Polyclonal antibody

Catalog Number: 26936-1-AP



Basic Information

Catalog Number: 26936-1-AP	GenBank Accession Number: BC136284	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 6710	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P11277	
Isotype: IgG	Full Name: spectrin, beta, erythrocytic	
Immunogen Catalog Number: AG25614	Observed MW: 246 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : K-562 cells, mouse heart tissue IF/ICC : U2OS cells,

Background Information

Beta I spectrin also known as SPTB, SPTB1, belongs to the spectrin family. Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. It associates with band 4.1 and actin to form the cytoskeletal superstructure of the erythrocyte plasma membrane. Mutations in SPTB have been associated with Elliptocytosis 3, spherocytosis type 2, and neonatal hemolytic anemia(PMID: 8018926, 8102379, 9005995).

Storage

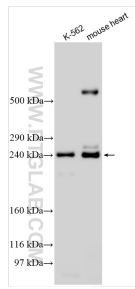
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

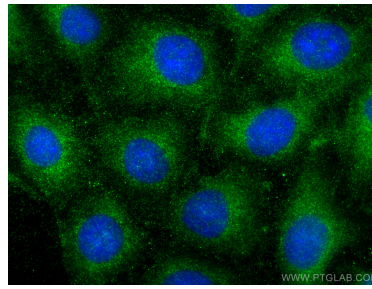
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26936-1-AP (SPTB antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using SPTB antibody (26936-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).