

For Research Use Only

SPTB Polyclonal antibody, PBS Only

Catalog Number: 26936-1-PBS



Basic Information

Catalog Number:

26936-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25614

GenBank Accession Number:

BC136284

GeneID (NCBI):

6710

UNIPROT ID:

P11277

Full Name:

spectrin, beta, erythrocytic

Observed MW:

246 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS Only

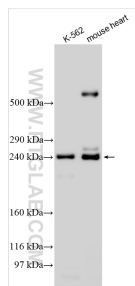
For technical support and original validation data for this product please contact:

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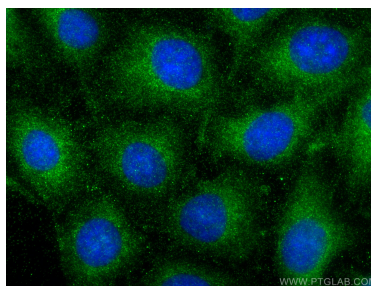
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 26936-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 26936-1-PBS in a different storage buffer formulation.