

Anti-Spectrin(Alpha And Beta) SPTB Antibody (Monoclonal, SB-SP1)

Catalog Number: MA1090

About SPTB

Spectrin, the predominant component of the membrane skeleton of the red cell, is essential in determining the properties of the membrane including its shape and deformability. It consists of 2 nonidentical subunits, alpha and beta. Spectrin is present in the red cell membrane in a tetrameric or possibly higher polymeric form through head-to-head self-association of heterodimers that are linked by actin polymers and protein 4.1 to form a 2-dimensional network. Non-erythroid spectrin gene is mapped to human chromosome 2. Spectrin mutations cause spinocerebellar ataxia type 5.

Overview

Product Name	Anti-Spectrin(Alpha And Beta) SPTB Antibody (Monoclonal, SB-SP1)
Reactive Species	Human
Description	Boster Bio Anti-Spectrin (Alpha And Beta) SPTB Antibody (Monoclonal, SB-SP1) catalog # MA1090. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal SB-SP1
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q6XDA0

Technical Details

Immunogen	Human erythrocyte spectrin.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites

Suggested Dilutions

Western blot, 2-4ug/ml, Human

Anti-Spectrin(Alpha And Beta) SPTB Antibody (Monoclonal, SB-SP1) (MA1090) Images



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