39-1090: Anti-Spectrin (alpha and beta) Monoclonal Antibody (Clone: SB-SP1)

Clonality :	Monoclonal
Clone Name :	SB-SP1
Application :	WB
Reactivity :	Human
Gene :	Sptb
Gene ID :	314251
Uniprot ID :	Q6XDA0
Alternative Name :	Erythroid spectrin beta ; Sptb ; LOC314251
Isotype :	Mouse IgG1
Immunogen Information :	Human erythrocyte spectrin.

Description

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.

Product Info

Amount :	100 μg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 2-4μg/ml