

Spectrin Antibody (alpha and beta) [clone SB-SP1] (R30079)

Catalog No.	Formulation	Size
R30079	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	SB-SP1
Purity	Ascites
Gene ID	6708
Applications	Western Blot : 2-4ug/ml
Limitations	This Spectrin antibody (alpha and beta) is available for research use only.



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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Spectrin antibody (alpha and beta) may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human erythrocyte spectrin was used as the immunogen for this Spectrin antibody (alpha and beta).

Storage

After reconstitution, the Spectrin antibody (alpha and beta) can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.