

## 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

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.