

Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1)
Catalog # ABO10474**Specification****Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Product Information**

Application	WB
Primary Accession	Q6XDA0
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human
Clonality	Monoclonal
Format	Lyophilized

Description

Mouse IgG monoclonal antibody for Spectrin(alpha and beta), spectrin, alpha, erythrocytic 1 (elliptocytosis 2); spectrin, beta, erythrocytic (SPTA1; SPTB) detection. Tested with WB in Human. No cross reactivity with other proteins.

Reconstitution

Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Additional Information**Calculated MW**

246329 MW KDa

Application Details

Western blot, 2-4 µg/ml, Human

Subcellular Localization

SPTA1: Cytoplasm, cytoskeleton. Cytoplasm, cellcortex.|Spta1: Cytoplasm, cytoskeleton. Cytoplasm, cellcortex.|SPTB: Cytoplasm, cytoskeleton. Cytoplasm, cellcortex.|Sptb: Cytoplasm, cytoskeleton. Cytoplasm, cellcortex.

Protein Name

Spectrin alpha chain, erythrocytic 1; Spectrin beta chain, erythrocytic

Contents

Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Immunogen

Human erythrocyte spectrin.

Purification

Ascites

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After r°Constitution,

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.

Sequence Similarities

Belongs to the spectrin family.

Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Protein Information**Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Images**Anti-Spectrin(Alpha And Beta) Antibody (Monoclonal, SB-SP1) - Background**

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.