
Spectrin alpha/beta Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251797

Unit: 0.1 mg

Description:

Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. Spectrin associates with band 4.1 and actin to form the cytoskeletal superstructure of the erythrocyte plasma membrane. Defects in spectrin are the cause of elliptocytosis type 2 (EL2). EL2 is a Rhesus-unlinked form of hereditary elliptocytosis, a genetically heterogeneous, autosomal dominant hematologic disorder. EL2 is characterized by variable hemolytic anemia and elliptical or oval red cell shape.

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Spectrin alpha chain, erythrocyte; Erythroid alpha-spectrin; SPTA1; SPTA; Spectrin beta chain, erythrocyte; Beta-I spectrin; SPTB; SPTB1

Accession No.: P02549, P11277

Antigen: Human erythrocyte spectrin

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.