



Mouse monoclonal antibody to human Spectrin (alpha & beta) [Spe1/2]: IgG

Catalogue No.:	M-1222-100
Description:	Spectrin is a major component of the cytoskeletal superstructure of the erythrocyte plasma membrane. Spectrin is composed of non-homologous alpha and beta chains which aggregate to form dimers, tetramers and higher polymers. Multiple isoforms of alpha and beta chains are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human erythrocyte Spectrin
Other Names:	Spectrin alpha chain, erythrocyte; Erythroid alpha-spectrin; SPTA1; SPTA; Spectrin beta chain, erythrocyte; Beta-I spectrin; SPTB; SPTB1;
Accession:	P02549 SPTA1_HUMAN; P11277 SPTB1_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 2.0-4.0 ug/mL is recommended for cells and tissues. Human Spectrin alpha chain (isoform 1) has a predicted length of 2,419 residues and a MW of 280 kDa. Human Spectrin beta chain (isoform 1) has a predicted length of 2,137 residues and a MW of 246 kDa.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

FOR RESEARCH USE ONLY