

bsm-62985R

[Primary Antibody]

Spectrin alpha chain Recombinant Rabbit mAb

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sales@bioss.com.cn

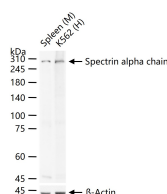
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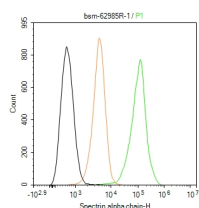
DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1:50-100) ICC/IF (1:50-200) Reactivity: Human, Mouse (predicted: Rat) Predicted MW.: 280 kDa Observed MW.: 300 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 3C10	
GeneID: 6708	SWISS: P02549	
Target: Spectrin alpha		
Immunogen: A synthesized peptide derived from human Spectrin alpha chain: 2300-2419/2419.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. It associates with band 4.1 and actin to form the cytoskeletal superstructure of the erythrocyte plasma membrane.		

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Spectrin alpha chain monoclonal antibody, unconjugated (bsm-62985R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



The K562 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-Spectrin alpha chain antibody (bsm-62985R, 1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.