

bs-6577R**[Primary Antibody]**

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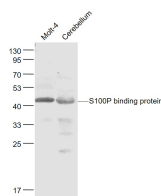
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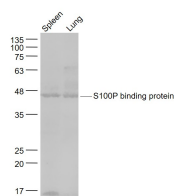
400-901-9800

S100P binding protein Rabbit pAb**— DATASHEET —**

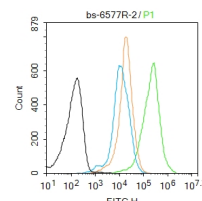
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1ug/Test)
Clonality: Polyclonal		
GeneID: 64766	SWISS: Q96BU1	
Target: S100P binding protein		
Immunogen: KLH conjugated synthetic peptide derived from human S100BP: 331-408/408.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Reactivity: Human, Mouse (predicted: Rat)
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 46 kDa
Background: S100BPB was originally cloned from a pancreatic epithelioid carcinoma library and encodes a predicted 408 amino acid protein. RT-PCR detected S100BPB expression in brain, breast, spleen, and lung, but not in pancreas and liver. GFP-tagged S100BPB localized to nuclei of transfected HeLa cells.		Subcellular Location: Nucleus

— VALIDATION IMAGES —

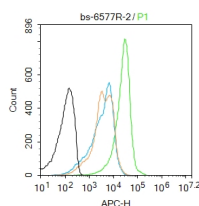
Sample: Molt-4 (Human) Lysate at 40 ug
Cerebellum (Mouse) Lysate at 40 ug
Primary: Anti- S100P binding protein (bs-6577R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 46 kD Observed band size: 46 kD



Sample: Spleen (Mouse) Lysate at 40 ug Lung
(Mouse) Lysate at 40 ug
Primary: Anti- S100P binding protein (bs-6577R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 46 kD
Observed band size: 46 kD



Blank control: Mouse spleen. Primary Antibody
(green line): Rabbit Anti-S100P binding protein
antibody (bs-6577R) Dilution: 2µg /10⁶ cells;
Isotype Control Antibody (orange line): Rabbit
IgG . Secondary Antibody : Goat anti-rabbit IgG-
AF488R Dilution: 1µg /test. Protocol The cells
were fixed with 4% PFA (10min at room
temperature) and then permeabilized with 90%
ice-cold methanol for 20 min at -20°C. The cells
were then incubated in 5% BSA to block non-
specific protein-protein interactions for 30 min
at room temperature .Cells stained with Primary
Antibody for 30 min at room temperature. The
secondary antibody used for 40 min at room
temperature. Acquisition of 20,000 events was
performed.



Blank control: Mouse spleen. Primary Antibody
(green line): Rabbit Anti-S100P binding protein
antibody (bs-6577R) Dilution: 2µg /10⁶ cells;
Isotype Control Antibody (orange line): Rabbit

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=2.677]** Yu Chen. et al. Effect of necrostatin-1 on sciatic nerve crush injury in rat models. J ORTHOP SURG RES. 2023 Dec;18(1):1-9 IF ;Rat. 36717933