

**bs-8503R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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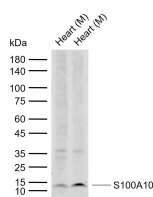
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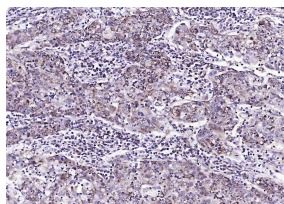
400-901-9800

**S100A10 Rabbit pAb****— DATASHEET —**

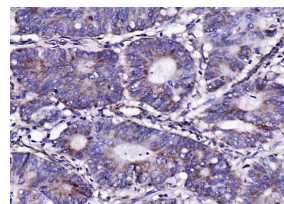
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:50-200) <b>IHC-F</b> (1:50-200) <b>IF</b> (1:50-200) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 11 kDa  <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 6281	<b>SWISS:</b> P60903	
<b>Target:</b> S100A10		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human S100A10: 21-97/97.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Heart tissue lysates Primary: Anti-S100A10 (bs-8503R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 11 kDa Observed band size: 13 kDa



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (S100A10) Polyclonal Antibody, Unconjugated (bs-8503R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (S100A10) Polyclonal Antibody, Unconjugated (bs-8503R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=5.215]** Tianrui Zhang. et al. Daphnetin Improves Neuropathic Pain by Inhibiting the Expression of Chemokines and Inflammatory Factors in the Spinal Cord and Interfering with Glial Cell Polarization. PHARMACEUTICALS-BASE. 2023 Feb;16(2):243 IF ;Rat. 10.3390/ph16020243
- **[IF=3.4]** Hongjuan Wang. et al. Differentiation of cultured hair follicle neural crest stem cells into functional melanocytes. HELIYON. 2024 Aug;10: IF ;Mouse. 39170163