

**bsm-54196R****[ Primary Antibody ]**

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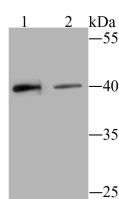
sales@bioss.com.cn

techsupport@bioss.com.cn

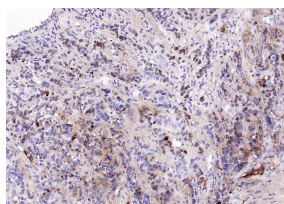
400-901-9800

**BST2 Recombinant Rabbit mAb****— DATASHEET —**

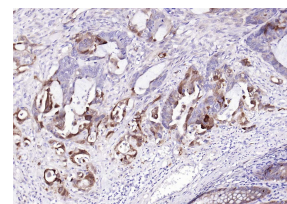
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:50-200) <b>IHC-F</b> (1:50-200) <b>IF</b> (1:100-500) <b>Flow-Cyt</b> (1:50-200)
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 1C3	
<b>GeneID:</b> 684	<b>SWISS:</b> Q10589	
<b>Target:</b> BST2		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Reactivity:</b> Human
<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>Predicted MW.:</b> 18 kDa
<b>Background:</b> Bone marrow stromal cells act as regulators for B-cell growth and development through their surface molecules and cytokines. Bone marrow stromal antigen-2 (BST-2), also designated CD317 antigen, is a single-pass type II membrane protein. BST-2, which is expressed mainly on synovial cell lines and bone marrow stromal cell lines, is primarily expressed in liver, heart, placenta and lung tissues. BST-2 is thought to be involved in pre-B cell growth. It has been implicated in B cell activation in rheumatoid arthritis.		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm

**— VALIDATION IMAGES —**

Sample: Lane 1: Hela cell lysate Lane 2: Siha cell lysate  
 Primary: Anti-BST2 (bsm-54196R) at 1:500 dilution  
 Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution  
 Predicted band size: 18 kD  
 Observed band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded (human breast 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; Antibody incubation with (BST2) Monoclonal Antibody, Unconjugated (bsm-54196R) 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; Antibody incubation with (BST2) Monoclonal Antibody, Unconjugated (bsm-54196R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.