

## Product datasheet for **TA310217**

### **BST2 Rabbit Monoclonal Antibody [Clone ID: EPR5648]**

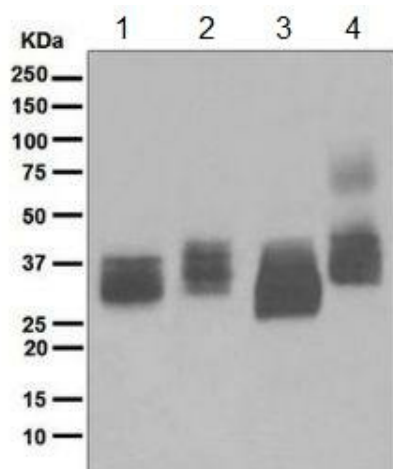
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	EPR5648
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1:1000 - 1:10000; IHC-P: 1:100 - 1:250; FC: 1:10 - 1:100
<b>Reactivity:</b>	Human (Does not react with: Mouse, Rat)
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A synthetic peptide corresponding to residues in the extracellular domain of human CD317 / BST2 was used as an immunogen.
<b>Formulation:</b>	pH: 7.40Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	bone marrow stromal cell antigen 2
<b>Database Link:</b>	<a href="#">NP_004326</a> <a href="#">Entrez Gene 69550 Mouse</a> <a href="#">Entrez Gene 378947 Rat</a> <a href="#">Entrez Gene 684 Human</a> <a href="#">Q10589</a>
<b>Background:</b>	Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of CD317 / BST2, the bone marrow stromal cell antigen 2, is undetermined; however, it may play a role in pre-B-cell growth and rheumatoid arthritis (1).
<b>Synonyms:</b>	CD317; TETHERIN
<b>Note:</b>	Is unsuitable for ICC or IP.
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

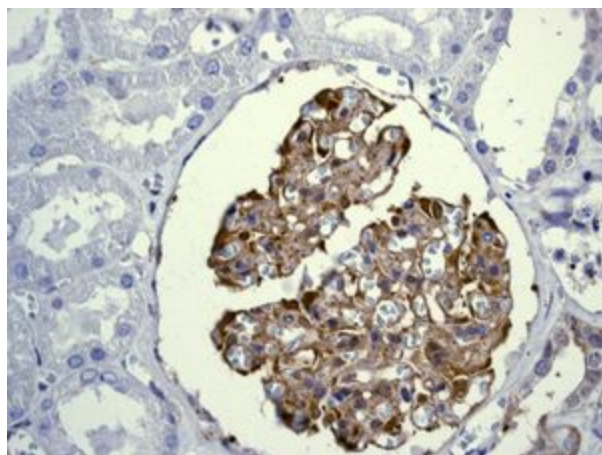


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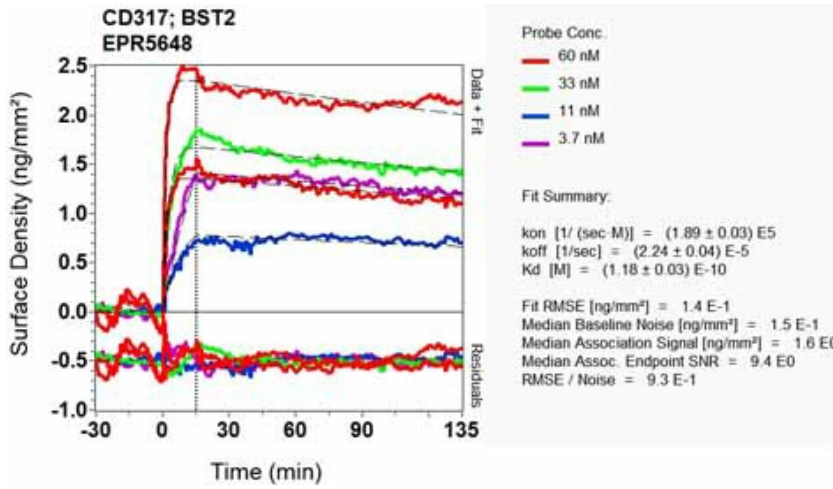
## Product images:



Western blot - Anti-BST2 antibody [EPR5648]; All lanes : Anti-BST2 antibody [EPR5648] at 1/1000 dilution. Lane 1 : U937 lysate. Lane 2 : Molt-4 lysate. Lane 3 : Human spleen lysate. Lane 4 : HeLa lysate. Lysates/proteins at 10 ug per lane. Secondary. HRP labelled goat anti-rabbit at 1/2000 dilution. Predicted band size : 20 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BST2 antibody [EPR5648]; Immunohistochemical analysis of paraffin-embedded Human kidney tissue labelling BST2 with TA310217 at 1/100 dilution.



Other-Anti-BST2 antibody [EPR5648] (TA310217);  
Equilibrium disassociation constant (KD).