

## BST1 polyclonal antibody

Catalog: BS5633

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

BST-1 (bone marrow stromal antigen-1) has been identified as a surface molecule that is GPI-anchored to the cell membrane of stromal cells. Both ADP-ribosyl cyclase and cADPR hydrolase activities have been demonstrated by BST-1. cADPR activity is a potential regulator of insulin secretion in pancreatic beta cells. Most pancreatic islet cells express BST-1, indicating a link between BST-1 and insulin secretion. BST-1 expression has also been found in a wide range of tissues including umbilical vein endothelial cells, monocytes and granulocytes. BST-1 expression in thymus tissue and on B and T cell progenitors undergoing gene rearrangement implicates BST-1 as a useful marker for lymphoid progenitor cells that are initiating gene rearrangement of their antigen receptors. BST-1 has also been shown to facilitate B cell growth and may act as a receptor.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 36 kDa

### Swiss-Prot:

Q10588

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

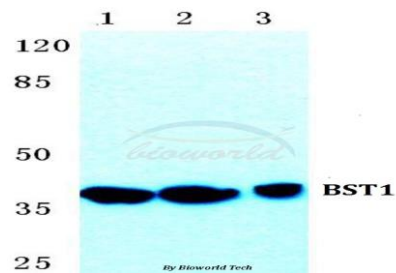
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

BST1 polyclonal antibody detects endogenous levels of BST1 protein.

### DATA:



Western blot (WB) analysis of BST1 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Raw264.7 cell lysate

Lane3:H9C2 cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151