

Datasheet for ABIN6990931 **anti-BST2 antibody (N-Term)**



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Overview

Quantity:	0.1 mg
Target:	BST2
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Bst2 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of the mouse Bst2. The immunogen is located within amino acids 60 - 110 of Bst2.
Isotype:	IgG
Purification:	Bst2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BST2
Alternative Name:	Bst2 (BST2 Products)
Background:	Bst2 Antibody: Bst2 was first identified as a novel terminal B-cell-restricted antigen termed HM1.24 that is expressed on certain bone marrow cells as well as other tissues. The surface expression of Bst2 on fibroblast cell lines facilitated the stromal cell-dependent growth of

Target Details

DW34, a pre-B-cell line, suggesting that this protein is involved in pre-B-cell growth. Later experiments also showed it to be upregulated in several myeloma cells. More recently, Bst2 was identified as an inhibitor of retroviral release from human cells whose activity is antagonized by the HIV-1 accessory protein Vpu. While Bst2 caused retention of virions on cell surfaces or endocytosis into Bst2-positive compartments, its depletion abolished the viral requirement for Vpu for virus release. This activity may represent a potential therapeutic strategy for the treatment of HIV/AIDS.

Gene ID: 69550

UniProt: [Q8R2Q8](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Bst2 antibody can be used for detection of Bst2 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Bst2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Bst2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.