BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Bone marrow stromal antigen 2 Bst2 Antibody

Catalog Number: A00934

About BST2

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 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 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.

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Overview

Product Name	Anti-Bone marrow stromal antigen 2 Bst2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Bone marrow stromal antigen 2 Bst2 Antibody (Catalog # A00934). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Bst2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Bst2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8R2Q8

Technical Details

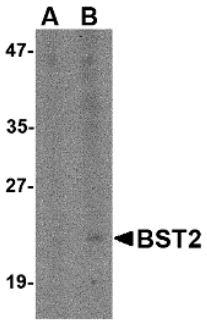
Immunogen	Bst2 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of the mouse Bst2. The immunogen is located within amino acids 60 - 110 of Bst2.
Predicted Reactive Species	Rat

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Bst2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Bst2 antibody can be used for detection of Bst2 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Bone marrow stromal antigen 2 Bst2 Antibody (A00934) Images



Western blot analysis of Bst2 in Daudi cell lysate with Bst2 antibody at (A) 1 and (B) 2 ug/mL.

Anti-Bone marrow stromal antigen 2 Bst2 Antibody

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