Mouse BST2 Recombinant antibody, PBS Only

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Antibodies | ELISA kits | Proteins
Uni-rAb

Catalog Number:85614-4-PBS

Basic Information

Catalog Number:
85614-4-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2669

GenBank Accession Number:
NM_198095.2

GeneID (NCBI):
69550

UNIPROT ID:
Q8R2Q8

Full Name:
bone marrow stromal cell antigen 2

Calculated MW:
19 kDa

Observed MW:
30-36 kDa

Purification Method:
Protein A purification

CloneNo.:
242938E6

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

Background Information

BST2, also named as CD317 and Tetherin, belongs to the tetherin family. It may be involved in the sorting of secreted proteins and it is involved in pre-B-cell growth. BST2 is an antiretroviral defense protein, that blocks release of retrovirus from the cell surface. Depleted unpon HIV-1 infection by viral VPU protein through 20S proteasome degradation. Depleted upon infection by human Kaposi's sarcoma-associated herpesvirus (KSHV) through ubiquitination and subsequent degradation. BST2 may play a role in B-cell activation in rheumatoid arthritis. It is recently identified interferon-induced cellular proteins that restrict infections by retroviruses and filoviruses and of influenza virus and flaviviruses, respectively. BST2 is a plasma membrane proteins, tetherin inhibits virion particle release from infected cells. BST2 is effective against retroviruses and flavoviruses whilst IFITMs disrupt influenza and flavivirus infection. Observed MW of BST2 is 30-36 kDa (PMID: 19196977; 21237475).
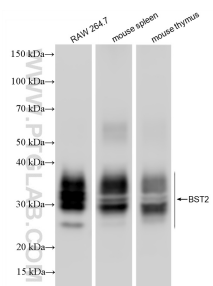
Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 85614-4-RR (Bst2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85614-4-PBS in a different storage buffer formulation.