For Research Use Only

Mouse BST2 Recombinant antibody, PBS Only (Capture)

Catalog Number:85614-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
85614-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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

Purification Method:
Protein A purification

CloneNo.:
242938C7

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

85614-2-PBS targets BST2 as part of a matched antibody pair:

MP01973-1: 85614-2-PBS capture and 85614-1-PBS detection (validated in Cytometric bead array)

MP01973-2: 85614-2-PBS capture and 85614-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

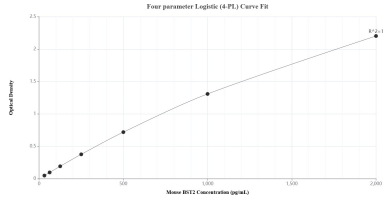
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

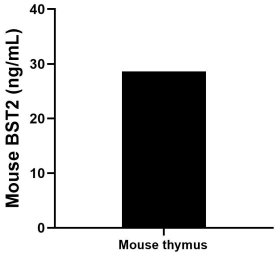
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

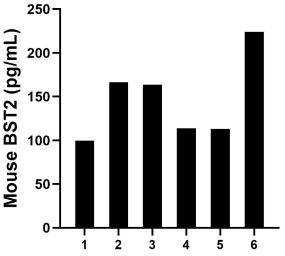
Selected Validation Data



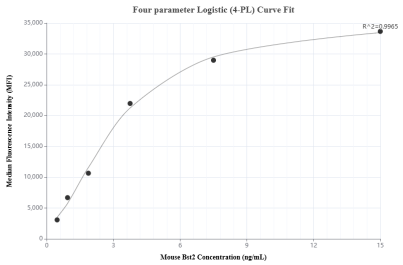
Sandwich ELISA standard curve of MP01973-2, Mouse BST2 Recombinant Matched Antibody Pair - PBS only. 85614-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2669. 85614-3-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



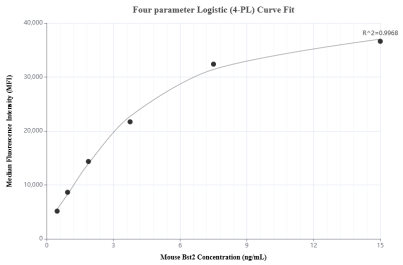
The mean BST2 concentration was determined to be 28.6 ng/mL in mouse thymus tissue extract based on a 1.3 mg/mL extract load.



Serum of six mice was measured. The BST2 concentration of detected samples was determined to be 146.8 pg/mL with a range of 99.7-223.9 pg/mL.



Cytometric bead array standard curve of MP01973-2, MOUSE Bst2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85614-2-PBS. Detection antibody: 85614-3-PBS. Standard: Eg2669. Range: 0.469-15 ng/mL.



Cytometric bead array standard curve of MP01973-1, MOUSE Bst2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85614-2-PBS. Detection antibody: 85614-1-PBS. Standard: Eg2669. Range: 0.469-15 ng/mL.