For Research Use Only

Mouse BST2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01973-2

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
85614-2-PBS

Clone ID:
242938C7

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
bone marrow stromal cell antigen 2

Isotype:
IgG

Gene ID:
69550

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
85614-3-PBS

Clone ID:
242938D10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
bone marrow stromal cell antigen 2

Isotype:
IgG

GenBank:
NM_198095.2

Gene ID:
69550

Purification Method:
Protein A purification

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.469-15 ng/mL (Cytometric Bead Array)
31.3-2000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01973-2 targets BST2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse BST2 Recombinant antibody, PBS Only (Capture) 85614-2-PBS (242938C7). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse BST2 Recombinant antibody, PBS Only (Detector) 85614-3-PBS (242938D10). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

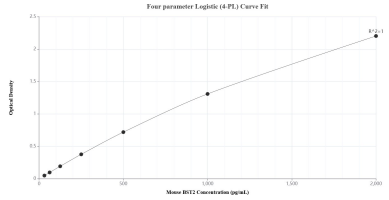
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

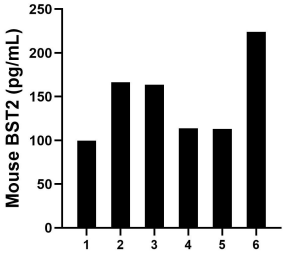
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

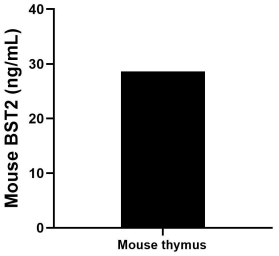
Selected Validation Data



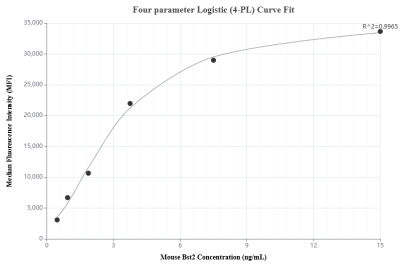
Sandwich ELISA standard curve of MP01973-2, Mouse BST2 Recombinant Matched Antibody Pair - PBS only. 85614-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2669. 85614-3-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



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.



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.



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.