

For Research Use Only

# BST2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84190-5-PBS



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>84190-5-PBS                         | <b>GenBank Accession Number:</b><br>BC033873            | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>684                            | <b>CloneNo.:</b><br>241513F10                         |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q10589                            |   |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>bone marrow stromal cell antigen 2 |   |
|   | <b>Calculated MW:</b><br>180 aa, 20 kDa                 |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

84190-5-PBS targets BST2 as part of a matched antibody pair:

MP01064-3: 84190-1-PBS capture and 84190-5-PBS detection (validated in Cytometric bead array)

MP01064-4: 84190-5-PBS capture and 84190-6-PBS detection (validated in 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

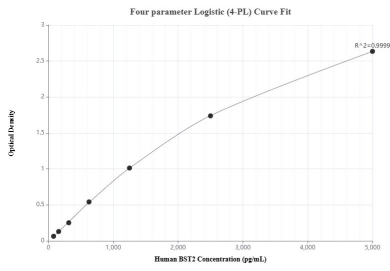
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

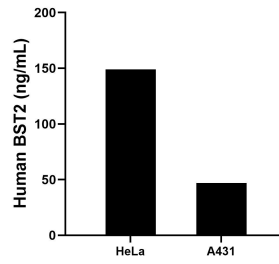
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

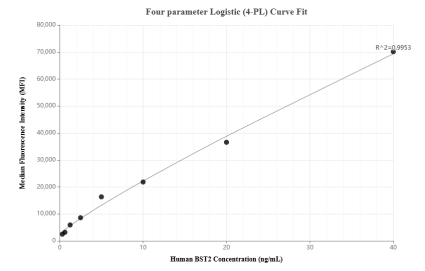
## Selected Validation Data



Sandwich ELISA standard curve of MP01064-4, Human BST2 Recombinant Matched Antibody Pair - PBS only. 84190-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1961. 84190-6-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean BST2 concentration was determined to be 149.00 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load and 46.91 ng/mL in A431 cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01064-3, BST2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84190-1-PBS. Detection antibody: 84190-5-PBS. Standard: Eg1961. Range: 0.313-40 ng/mL