

For Research Use Only

LTBP4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83948-4-PBS



Basic Information

| | | |
|---|---|---|
| Catalog Number: 83948-4-PBS | GenBank Accession Number: NM_001042544 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 8425 | CloneNo.: 241056G8 |
| Source: Rabbit | UNIPROT ID: Q8N2S1 | |
| Isotype: IgG | Full Name: latent transforming growth factor beta binding protein 4 | |
| Immunogen Catalog Number: AG34270 | Calculated MW: 173 kDa | |

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83948-4-PBS targets LTBP4 as part of a matched antibody pair:

MP00912-3: 83948-4-PBS capture and 83948-1-PBS detection (validated in Cytometric bead array)

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.

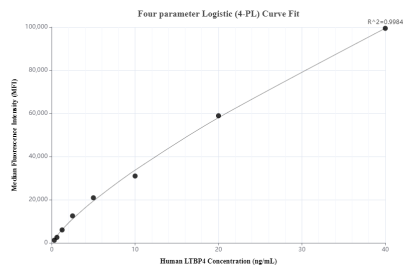
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

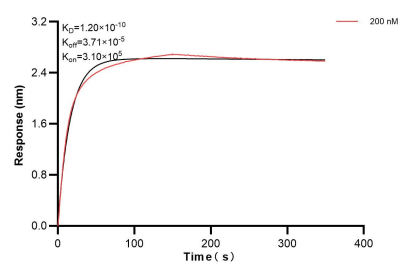
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00912-3, LTBP4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83948-4-PBS. Detection antibody: 83948-1-PBS. Standard: Ag34270. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83948-4-PBS against Human LTBP4 was performed. The affinity constant is 0.12 nM.