

For Research Use Only

# B7-H4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82850-2-PBS



## Basic Information

**Catalog Number:**

82850-2-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_024626

**GeneID (NCBI):**

79679

**UNIPROT ID:**

Q7Z7D3

**Full Name:**

V-set domain containing T cell activation inhibitor 1

**Calculated MW:**

282 aa, 31 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240237D8

## Applications

**Tested Applications:**

Cytometric bead array, Indirect ELISA

**Species Specificity:**

human

## Product Information

82850-2-PBS targets B7-H4 as part of a matched antibody pair:

MP00532-1: 82850-3-PBS capture and 82850-2-PBS detection (validated in Cytometric bead array)

MP00532-2: 82850-5-PBS capture and 82850-2-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

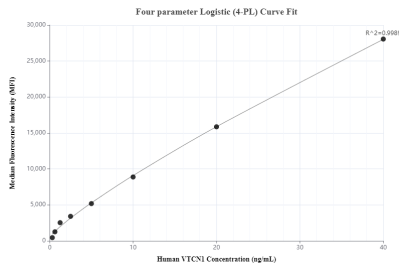
For technical support and original validation data for this product please contact:

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

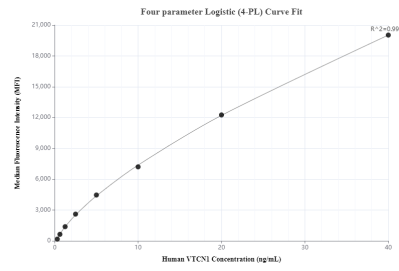
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

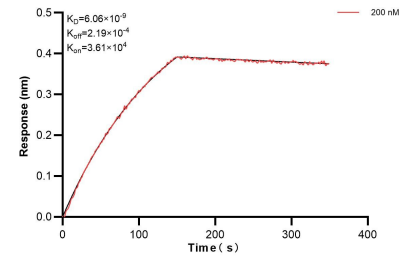
## Selected Validation Data



Cytometric bead array standard curve of MP00532-1, B7-H4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82850-3-PBS. Detection antibody: 82850-2-PBS. Standard: Eg0098. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00532-2, B7-H4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82850-5-PBS. Detection antibody: 82850-2-PBS. Standard: Eg0098. Range: 0.313-40 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 82850-2-PBS against Human B7-H4 was performed. The affinity constant is 6.06 nM.