

For Research Use Only

# CD80/B7-1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00284-2

## Capture Antibody Information

**Catalog Number:**  
83198-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242913H7  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
CD80 molecule  
**Gene ID:**  
941

## Detection Antibody Information

**Catalog Number:**  
83198-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242913A9  
**Reactivity:**  
human  
**GenBank:**  
NM\_005191

**Conjugate:**  
Unconjugated  
**Full name:**  
CD80 molecule  
**Gene ID:**  
941

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 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

MP00284-2 targets CD80/B7-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD80/B7-1 Recombinant antibody, PBS Only (Capture) 83198-7-PBS (242913H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD80/B7-1 Recombinant antibody, PBS Only (Detector) 83198-6-PBS (242913A9). 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

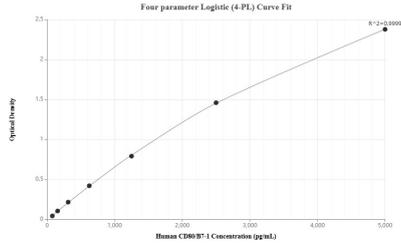
For technical support and original validation data for this product please contact:

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

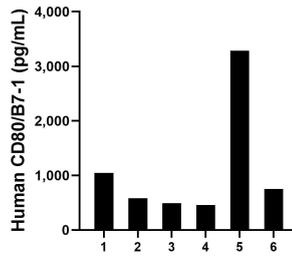
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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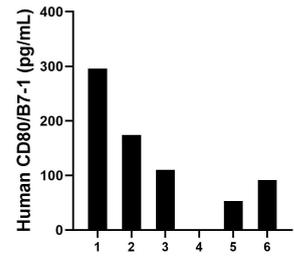
## Selected Validation Data



Sandwich ELISA standard curve of MP00284-2, Human CD80/B7-1 Recombinant Matched Antibody Pair - PBS only. 83198-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3505. 83198-6-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The human CD80/B7-1 concentration of detected samples was determined to be 1,102.1 pg/mL with a range of 458.0 - 3,283.2 pg/mL



Urine of six individual healthy human donors was measured. The human CD80/B7-1 concentration of detected samples was determined to be 145.0 pg/mL with a range of ND - 295.7 pg/mL