

For Research Use Only



Siglec-1/CD169 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87793-2-PBS

Basic Information

Catalog Number: 87793-2-PBS	GenBank Accession Number: NM_023068.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6614	CloneNo.: 252685A12
Source: Rabbit	UNIPROT ID: Q9BZZ2-1	
Isotype: IgG	Full Name: sialic acid binding Ig-like lectin 1, sialoadhesin	
Immunogen Catalog Number: EG5376	Calculated MW: 182kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87793-2-PBS targets Siglec-1/CD169 as part of a matched antibody pair:

MP03189-1: 87793-2-PBS capture and 87793-1-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

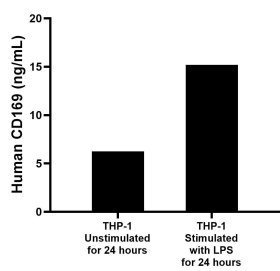
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

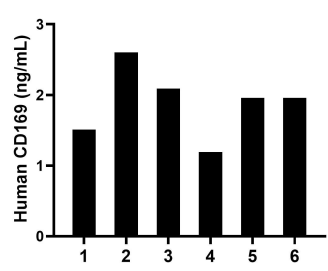
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

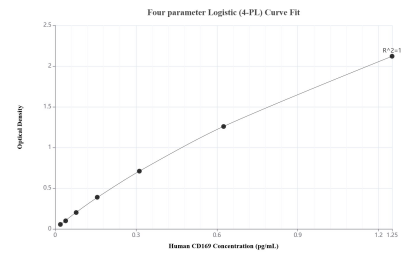
Selected Validation Data



THP-1 cells were cultured unstimulated or stimulated with 1 µg/mL LPS for 24 hours. The mean CD169 concentration was determined to be 6.3 ng/mL in unstimulated THP-1 supernatant, 15.2 ng/mL in LPS stimulated THP-1 supernatant.



Serum of six individual healthy human donors was measured. The CD169 concentration of detected samples was determined to be 1.9 ng/mL with a range of 1.19-2.60 ng/mL.



Sandwich ELISA standard curve of MP03189-1, Human CD169 Recombinant Matched Antibody Pair - PBS only. 87793-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5376. 87793-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.