

For Research Use Only

MMR/CD206 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 81526-2-PBS



Basic Information

Catalog Number: 81526-2-PBS	GenBank Accession Number: NM_002438.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4360	CloneNo.: 250381A1
Source: Rabbit	UNIPROT ID: P22897-1	
Isotype: IgG	Full Name: mannose receptor, C type 1	
Immunogen Catalog Number: EG2428	Calculated MW: 166 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

81526-2-PBS targets MMR/CD206 as part of a matched antibody pair:

MP02588-1: 81526-3-PBS capture and 81526-2-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.

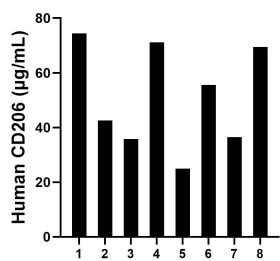
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

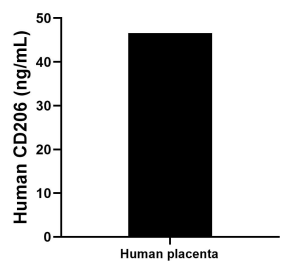
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

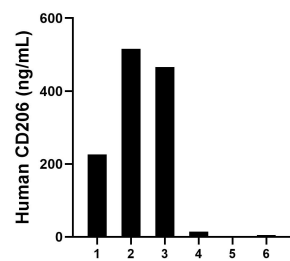
Selected Validation Data



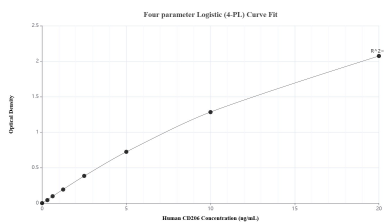
Human milk of eight individual healthy female donors was measured. The CD206 concentration of detected samples was determined to be 51.30 µg/mL with a range of 24.93-74.38 µg/mL.



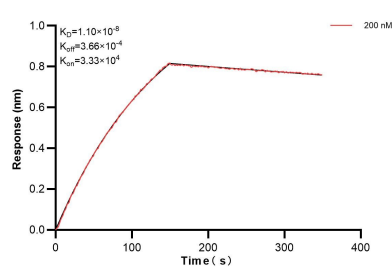
The mean CD206 concentration was determined to be 46.60 ng/mL in human placenta tissue extract based on a 3.20 mg/mL extract load.



Serum of six individual healthy human donors was measured. The CD206 concentration of detected samples was determined to be 204.90 ng/mL with a range of 2.55-515.56 ng/mL.



Sandwich ELISA standard curve of MP02588-1, Human CD206 Recombinant Matched Antibody Pair - PBS only. 81526-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2428. 81526-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Biolayer interferometry (BLI) kinetic assays of 81526-2-PBS against Human MMR/CD206 were performed. The affinity constant is 11.0 nM.