

For Research Use Only

CCL8 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87361-2-PBS



Basic Information

Catalog Number: 87361-2-PBS	GenBank Accession Number: BC126242	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6355	CloneNo.: 251326G7
Source: Rabbit	UNIPROT ID: P80075	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 8	
Immunogen Catalog Number: EG5089	Calculated MW: 99 aa, 11 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87361-2-PBS targets CCL8 as part of a matched antibody pair:

MP02959-1: 87361-2-PBS capture and 87361-1-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

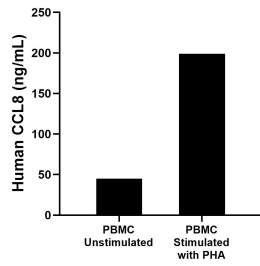
For technical support and original validation data for this product please contact:

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

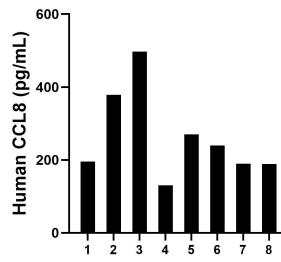
E: proteintech@ptglab.com
W: ptglab.com

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

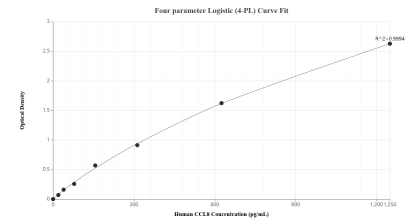
Selected Validation Data



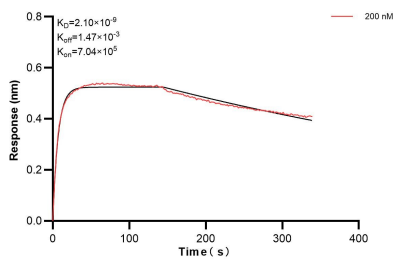
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 1 day. The mean CCL8 concentration was determined to be 45.1 ng/mL in unstimulated PBMC supernatant, 199.1 ng/mL in PHA stimulated PBMC supernatant.



Plasma of eight individual healthy human donors was measured. The CCL8 concentration of detected samples was determined to be 261.1 pg/mL with a range of 130.0-496.9 pg/mL.



Sandwich ELISA standard curve of MP02959-1, Human CCL8 Recombinant Matched Antibody Pair - PBS only. 87361-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5089. 87361-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 87361-2-PBS against Human CCL8 was performed. The affinity constant is 2.10 nM.