

For Research Use Only

CCR5 Recombinant antibody, PBS Only (Capture)

Catalog Number: 82942-5-PBS



Basic Information

Catalog Number: 82942-5-PBS	GenBank Accession Number: BC038398	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 1234	CloneNo.: 230266G11
Source: Rabbit	UNIPROT ID: P51681	
Isotype: IgG	Full Name: chemokine (C-C motif) receptor 5	
Immunogen Catalog Number: AG11493	Calculated MW: 352 aa, 41 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

82942-5-PBS targets CCR5 as part of a matched antibody pair:

MP00125-1: 82942-5-PBS capture and 82942-4-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:
100% PBS pH 7.3

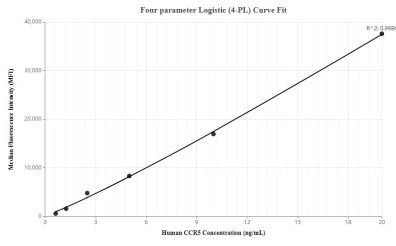
For technical support and original validation data for this product please contact:

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

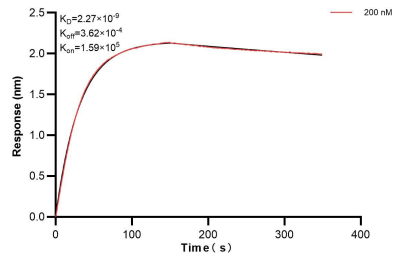
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00125-1, CCR5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82942-5-PBS. Detection antibody: 82942-4-PBS. Standard: Ag11493. Range: 0.625-20 ng/mL.



Bilayer interferometry (BLI) kinetic assay of 82942-5-PBS against Human CCR5 was performed. The affinity constant is 2.27 nM.