

For Research Use Only

CXCR1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83801-5-PBS



Basic Information

Catalog Number: 83801-5-PBS	GenBank Accession Number: NM_000634	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3577	CloneNo.: 240819E7
Source: Rabbit	UNIPROT ID: P25024	
Isotype: IgG	Full Name: interleukin 8 receptor, alpha	
	Calculated MW: 40 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83801-5-PBS targets CXCR1 as part of a matched antibody pair:

MP00731-3: 83801-6-PBS capture and 83801-5-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

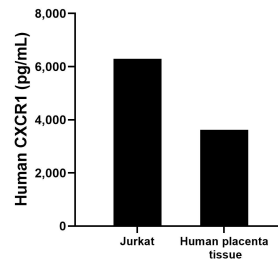
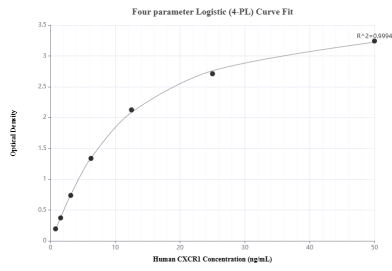
For technical support and original validation data for this product please contact:

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



Sandwich ELISA standard curve of MP00731-3, Human CXCR1 Recombinant Matched Antibody Pair - PBS only. 83801-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28962. 83801-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL

The mean CXCR1 concentration was determined to be 6,292.1 pg/mL in Jurkat cell extract based on a 1.5 mg/mL extract load and 3,625.1 pg/mL in human placenta tissue extract based on a 2.4 mg/mL extract load.