

For Research Use Only

CXCR1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83801-7-PBS



Basic Information

Catalog Number:

83801-7-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000634

GeneID (NCBI):

3577

UNIPROT ID:

P25024

Full Name:

interleukin 8 receptor, alpha

Calculated MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

252548F7

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Product Information

83801-7-PBS targets CXCR1 as part of a matched antibody pair:

MP00731-4: 83801-8-PBS capture and 83801-7-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

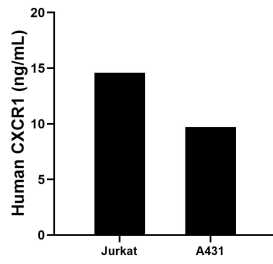
For technical support and original validation data for this product please contact:

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

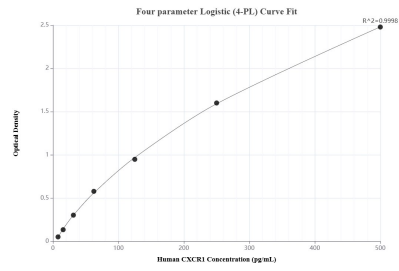
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CXCR1 concentration was determined to be 14.59 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load and 9.71 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP00731-4, Human CXCR1 Recombinant Matched Antibody Pair - PBS only. 83801-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02909. 83801-7-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL