For Research Use Only

CCRL1 Recombinant monoclonal antibody

Catalog Number:87796-1-RR

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Basic Information

Catalog Number:
87796-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC069438

GeneID (NCBI):
51554

UNIPROT ID:
Q9NPB9

Full Name:
chemokine (C-C motif) receptor-like 1

Calculated MW:
350 aa, 40 kDa

Observed MW:
40 kDa

Purification Method:
Protein A purification

CloneNo.:
253268H4

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : K-562 cells, HepG2 cells

Background Information

CCRL1/ACKR4 is an atypical chemokine receptor that functions primarily as a chemokine scavenger, binding CCL19, CCL21, CCL25, and CXCL13 to shape local chemokine gradients rather than inducing classical GPCR-mediated chemotaxis. Expressed in lymphatic endothelium, epithelial barriers, and stromal compartments, ACKR4 plays a key role in dendritic cell trafficking, lymphocyte positioning, and tissue immune homeostasis. Dysregulation of ACKR4 can alter barrier immunity, inflammatory responses, and tumor immune organization, highlighting its importance as a non-signaling regulator of chemokine networks.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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
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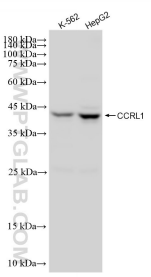
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87796-1-RR (CCRL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.