

For Research Use Only

CCRL1 Recombinant monoclonal antibody

Catalog Number: 87796-1-RR



Basic Information

Catalog Number: 87796-1-RR	GenBank Accession Number: BC069438	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 51554	CloneNo.: 253268H4
Isotype: IgG	UNIPROT ID: Q9NPB9	Recommended Dilutions: WB: 1:2000-1:10000
	Full Name: chemokine (C-C motif) receptor-like 1	
	Calculated MW: 350 aa, 40 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, HepG2 cells
Species Specificity: human	

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

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

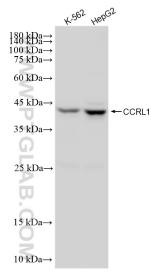
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87796-1-RR (CCL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.