

For Research Use Only

CCRL1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87796-1-PBS



Basic Information

Catalog Number:

87796-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

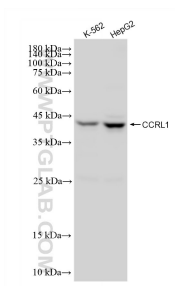
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 87796-1-PBS in a different storage buffer formulation.