

For Research Use Only

CCRL2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87505-1-PBS



Basic Information

Catalog Number: 87505-1-PBS	GenBank Accession Number: BC025717	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9034	CloneNo.: 252522D6
Source: Rabbit	UNIPROT ID: O00421	
Isotype: IgG	Full Name: chemokine (C-C motif) receptor-like 2	
	Calculated MW: 344 aa, 40 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Chemokine CC motif receptor-like 2 (CCRL2) is a seven-transmembrane domain receptor that shares structural and functional similarities with the family of atypical chemokine receptors (ACKRs) (PMID: 28743719). CCRL2 does not appear to be a signaling receptor, but may have a role in modulating chemokine-triggered immune responses by capturing and internalizing CCL19 or by presenting RARRES2 ligand to CMKLR1, a functional signaling receptors. CCRL2 has been found on almost all hemopoietic cells, including monocytes, macrophages, polymorphonuclear neutrophils (PMNs), T cells, dendritic cells, natural killer cells, and CD34+ progenitor cells, with PMNs expressing the highest levels (PMID: 15188357). CCRL2 is also expressed by barrier cells, such as lymphatic and blood endothelial cells and bronchial and intestinal epithelial cells (PMID: 29056935).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

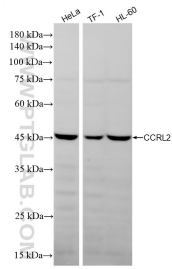
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87505-1-RR (CCL2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87505-1-PBS in a different storage buffer formulation.