

For Research Use Only

# CCRL2 Monoclonal antibody

Catalog Number: 66611-1-Ig **4 Publications**



## Basic Information

<b>Catalog Number:</b> 66611-1-Ig	<b>GenBank Accession Number:</b> BC025717	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9034	<b>CloneNo.:</b> 2C1E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O00421	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> chemokine (C-C motif) receptor-like 2	
<b>Immunogen Catalog Number:</b> AG4045	<b>Calculated MW:</b> 344 aa, 40 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, K-562 cells IHC : human spleen tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Deyu Li	31853188	Onco Targets Ther	WB
Ling Ding	31830143	PLoS Pathog	WB
Lunbo Tan	38361240	Hypertension	WB

## Storage

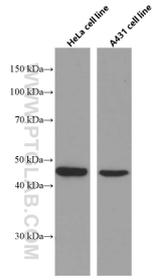
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

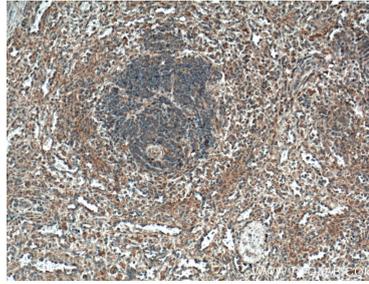
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

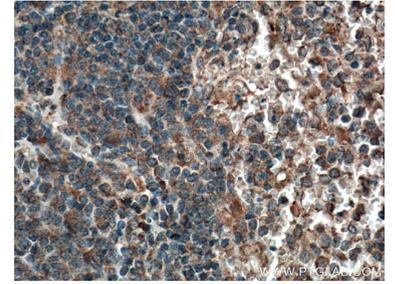
## Selected Validation Data



HeLa cells and A431 cells were subjected to SDS PAGE followed by western blot with 66611-1-Ig (CCRL2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 66611-1-Ig (CCRL2 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 66611-1-Ig (CCRL2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).