

CCRL2 Polyclonal Antibody

Catalog No :	YT0714
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	CCRL2
Gene Name :	CCRL2
Protein Name :	C-C chemokine receptor-like 2
Human Gene Id :	9034
Human Swiss Prot No :	O00421
Mouse Swiss Prot No :	O35457
Immunogen :	The antiserum was produced against synthesized peptide derived from human CCRL2. AA range:141-190
Specificity :	CCRL2 Polyclonal Antibody detects endogenous levels of CCRL2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	40kD

Background :

This gene encodes a chemokine receptor like protein, which is predicted to be a seven transmembrane protein and most closely related to CCR1. Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. This gene is expressed at high levels in primary neutrophils and primary monocytes, and is further upregulated on neutrophil activation and during monocyte to macrophage differentiation. The function of this gene is unknown. This gene is mapped to the region where the chemokine receptor gene cluster is located. [provided by RefSeq, Jul 2008],

Function :

function:Receptor for CCL2, CCL5, CCL7 and CCL8.,tissue specificity:Expressed abundantly in immunal tissues such as spleen, fetal liver, lymph node and bone marrow. Strong expression also in lung and heart.,

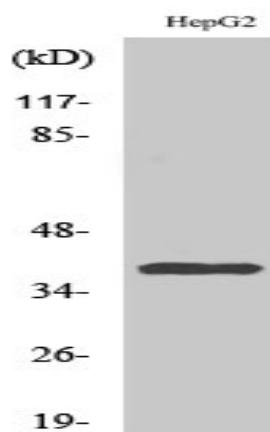
Subcellular Location :

Cell membrane ; Multi-pass membrane protein .

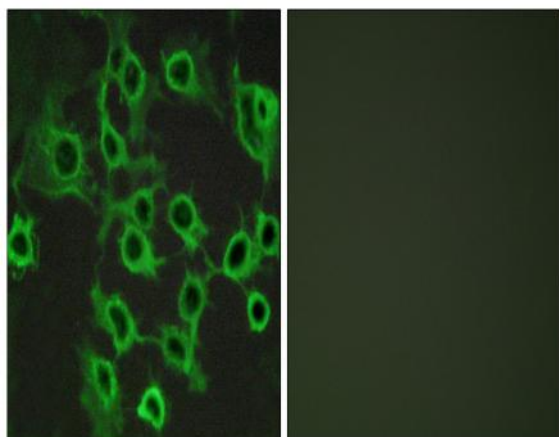
Expression :

Expressed abundantly in immunal tissues such as spleen, fetal liver, lymph node and bone marrow. Strong expression also in lung and heart. Expressed in almost all hematopoietic cells including monocytes, macrophages, PMNs, T-cells (both CD4+ and CD8+), monocyte-derived iDCs, NK cells, and CD34+ progenitor cells. B-cells expressed isoform 1 but not isoform 2. Up-regulated on synovial neutrophils of rheumatoid arthritis patients.

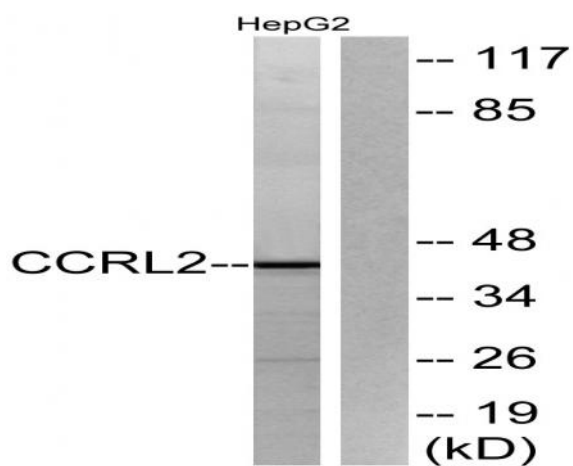
Products Images



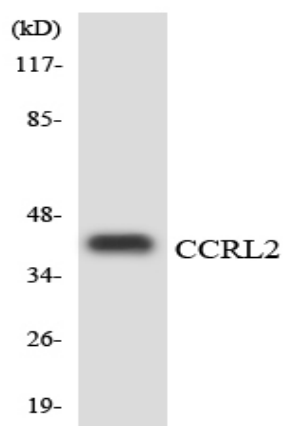
Western Blot analysis of various cells using CCRL2 Polyclonal Antibody



Immunofluorescence analysis of COS7 cells, using CCRL2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using CCRL2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using CCRL2 antibody.