

CCRL2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51943

Product Information

Application	WB
Primary Accession	O00421
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39513

Additional Information

Gene ID	9034
Other Names	C-C chemokine receptor-like 2, Chemokine receptor CCR11, Chemokine receptor X, Putative MCP-1 chemokine receptor, CCRL2, CCR11, CCR6, CKRX, CRAM, HCR
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCRL2. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CCRL2
Synonyms	CCR11, CCR6, CKRX, CRAM, HCR
Function	Receptor for CCL19 and chemerin/RARRES2. 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. Plays a critical role for the development of Th2 responses.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	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

Background

Receptor for CCL19 and chemerin/RARRES2. 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. Plays a critical role for the development of Th2 responses.

References

Fan P.,et al.Biochem. Biophys. Res. Commun. 243:264-268(1998).
Ansari-Lari M.A.,et al.Submitted (JUL-1997) to the EMBL/GenBank/DDBJ databases.
Gish K.,et al.Submitted (JUL-1997) to the EMBL/GenBank/DDBJ databases.
Biber K.P.H.,et al.Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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