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Anti-CCRL2 Antibody

Catalog # AP51943

Product Information

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

Additional Information

Gene ID	9034
Other Names	CCR11; CCR6; CKRX; CRAM; HCR; C-C chemokine receptor-like 2; Chemokine receptor CCR11; Chemokine receptor X; Putative MCP-1 chemokine receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCRL2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

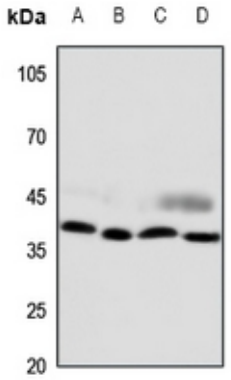
Protein Information

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

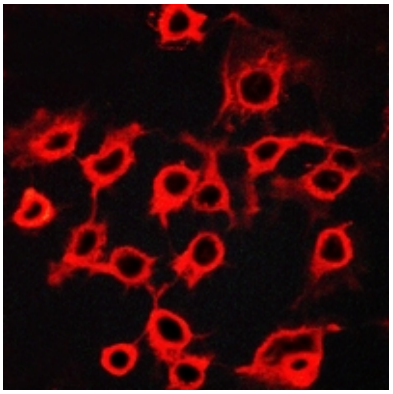
References

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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).

Images



Western blot analysis of CCRL2 expression in A375 (A), H1688 (B), mouse spleen (C), rat spleen (D) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 40 kD)



Immunofluorescent analysis of CCRL2 staining in COS7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.