

AP50827PU-N

Polyclonal Antibody to CDw198 / CCR8 (C-term) - Aff - Purified

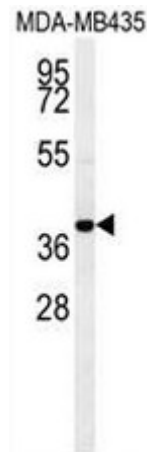
Alternate names:	C-C CKR-8, C-C chemokine receptor type 8, CC-CKR-8, CC-chemokine receptor CHEMR1, CCR-8, CKRL1, CMKBR8, CMKBRL2, CMKBRL2, Chemokine receptor-like 1, GPR-CY6, TER1
Quantity:	0.4 ml
Concentration:	0.4 mg/ml (lot specific)
Background:	CCR8 encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. CCR8 is located at the chemokine receptor gene cluster region.
Uniprot ID:	P51685
NCBI:	NP_005192
GenelD:	1237
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 297-325 amino acids from the C-terminal region of human CCR8
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western blot: 1/100 - 1/500. Flow Cytometry: 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	40844 Da
Specificity:	This antibody reacts to CCR8.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

1. Mutalithas, K., et al. Clin. Exp. Allergy 40(8):1175-1185(2010)
2. Han, S., et al. Hum. Immunol. 71(7):727-730(2010)
3. Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)
4. Davila, S., et al. Genes Immun. 11(3):232-238(2010)
5. Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1651-1658(2009)

Pictures:

CCR8 Antibody (C-term) (Cat. #AP50827PU-N) western blot analysis in MDA-MB435 cell line lysates (35µg/lane). This demonstrates the CCR8 antibody detected the CCR8 protein (arrow).



CCR8 Antibody (C-term) (Cat. #AP50827PU-N) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

