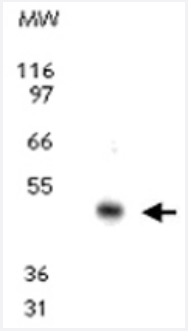
CCR10 polyclonal antibody

Catalog # PAB0165 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis for CCR10. Using CCR10 polyclonal antibody (Cat # PAB0165) at 2 ug/mL dilution against 10 ug of MCF-7 (a human breast cancer cell line) cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CCR10.
Immunogen	A synthetic peptide corresponding to amino acids 350-362 of human CCR10.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis for CCR10. Using CCR10 polyclonal antibody (Cat # PAB0165) at 2 ug/mL dilution against 10 ug of MCF-7 (a human breast cancer cell line) cell lysate.

Gene Info — CCR10

Entrez GeneID	2826
Gene Name	CCR10
Gene Alias	GPR2
Gene Description	chemokine (C-C motif) receptor 10
Omim ID	600240
Gene Ontology	Hyperlink
Gene Summary	Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC, based on the arrangement of the first 2 of the 4 conserved cysteine residues; the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CCR10 is the receptor for CCL27 (SCYA27; MIM 604833); CCR10-CCL27 interactions are involved in T cell-mediated skin inflammation (Homey et al., 2002 [PubMed 11821900]).[supplied by OMIM
Other Designations	CC chemokine receptor 10|G protein-coupled receptor 2

Publication Reference

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  Moed H, Boorsma DM, Tensen CP, Flier J, Jonker MJ, Stoof TJ, von Blomberg BM, Bruynzeel DP, Scheper RJ, Rustemeyer T, Gibbs S.

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  The British Journal of Dermatology 2004 Jun; 151(1):32.

- Expression of the T-helper 2-specific chemokine receptor CCR4 on CCR10-positive lymphocytes in atopic dermatitis skin but not in psoriasis skin.

  C Vestergaard, M Deleuran, B Gesser, C Gronhoj Larsen.

  The British Journal of Dermatology 2003 Sep; 149(3):457.

  Application : IHC-Fr, Human, Human skin biopsies

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

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