

CCR-7 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01830
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CCR7. AA range:170-219
Mol wt	42874
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	CCR-7 Antibody
Synonyms	CCR7; CMKBR7; EB11; EVI1; C-C chemokine receptor type 7; C-C CCR-7; CC-CCR-7; CCR-7; BLR2; CDw197; Epstein-Barr virus-induced G-protein coupled receptor 1; EB11; EBV-induced G-protein coupled receptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The C-C motif chemokine receptor 7 encoded by CCR7 is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilution

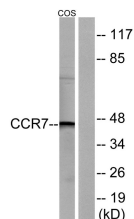
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

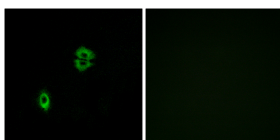
ELISA: 1: 40000

Not yet tested in other applications.

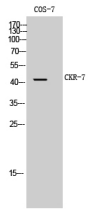
Images



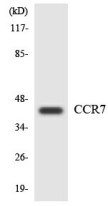
Western blot analysis of lysates from COS7 cells, using CCR7 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using CCR7 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of COS-7 cells using CKR-7 Polyclonal Antibody



Western blot analysis of the lysates from HeLa cells using CCR7 antibody.

Storage

-20°C for one year

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