

CCR7

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 43 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CCR7

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7;

Catalog #: A10820

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 1236

Isotype: IgG

Swiss Prot: P32248

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene 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.

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