

# CCR7 Rabbit pAb

Catalog No.: A14718 **1 Publications**

## Basic Information

**Observed MW**

45kDa

**Calculated MW**

43kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

**Gene ID**

1236

**Swiss Prot**

P32248

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 330-372 of human CCR7 (NP\_001829.1).

**Synonyms**

BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7; CCR7

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

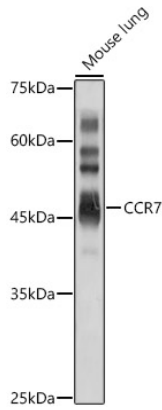
Affinity purification

**Storage**

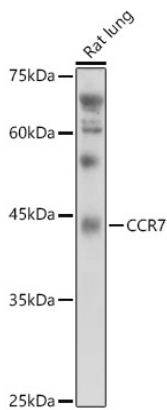
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

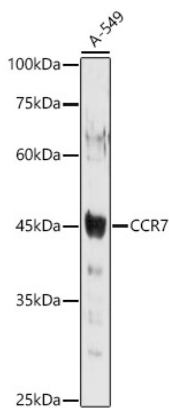
## Validation Data



Western blot analysis of extracts of Mouse lung, using CCR7 antibody (A14718) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



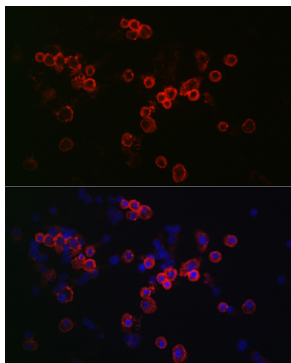
Western blot analysis of extracts of Rat lung, using CCR7 antibody (A14718) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Western blot analysis of extracts of A-549 cells, using CCR7 antibody (A14718) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.

## Validation Data

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Immunofluorescence analysis of RAW264.7 cells using CCR7 Rabbit pAb (A14718) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.