

## CCR7 Polyclonal Antibody

**catalog number: E-AB-90934**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

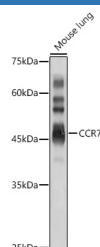
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human CCR7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

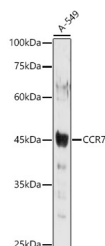
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50-1:200

### Data



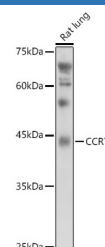
Western blot analysis of extracts of Mouse lung using CCR7 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:45 kDa**  
**Calculated-MV:42 kDa**



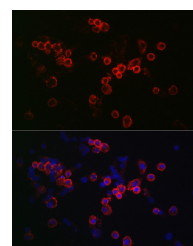
Western blot analysis of extracts of A-549 cells using CCR7 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:45 kDa**  
**Calculated-MV:42 kDa**



Western blot analysis of extracts of Rat lung using CCR7 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:45 kDa**  
**Calculated-MV:42 kDa**



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

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

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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Rev. V1.6