

Datasheet for ABIN7266309

**anti-CCR7 antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	CCR7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CCR7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	CCR7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CCR7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	CCR7
Alternative Name:	CCR7 ( <a href="#">CCR7 Products</a> )
Background:	The protein encoded by this gene is a member of the G protein-coupled receptor family. This

Target Details

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. [provided by RefSeq, Sep 2014],BLR2, CC-CKR-7, CCR-7, CD197, CDw197, CMKBR7, EBI1,CDs,Cell Intrinsic Innate Immunity Signaling Pathway,G protein signaling,G protein signaling\_G-Protein-Coupled Receptors(GPCR),Immunology & Inflammation,Innate Immunity\_Chemokines,Signal Transduction,CCR7

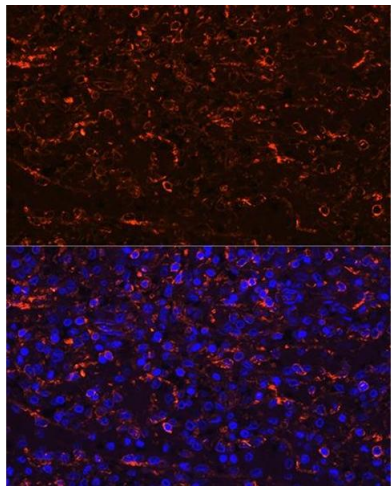
Molecular Weight:	43kDa
Gene ID:	1236
UniProt:	<a href="#">P32248</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

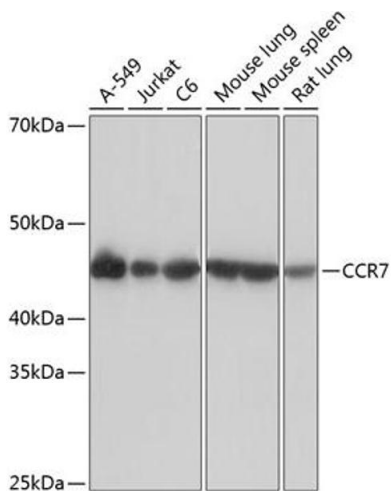
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



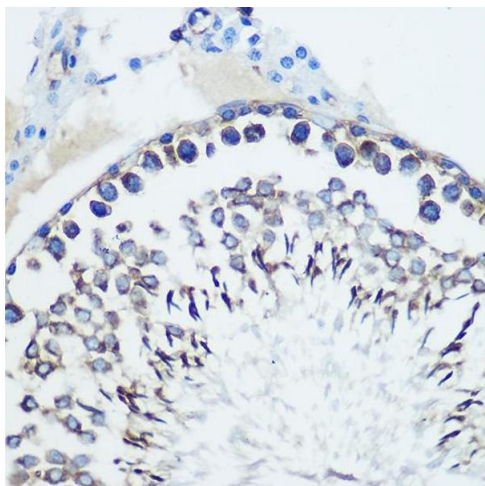
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of human spleen using CCR7 Rabbit mAb (ABIN7266309) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using CCR7 Rabbit mAb (ABIN7266309) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat testis using CCR7 Rabbit mAb (ABIN7266309) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7266309.