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## Datasheet for ABIN651190 anti-CCR7 antibody (N-Term)

6 Images

1 Publication



### Overview

Quantity:	400 µL
Target:	CCR7
Binding Specificity:	AA 11-37, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR7 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CCR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-37 amino acids from the N-terminal region of human CCR7.
Clone:	RB21736
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:	CCR7
Alternative Name:	CCR7 (CCR7 Products)

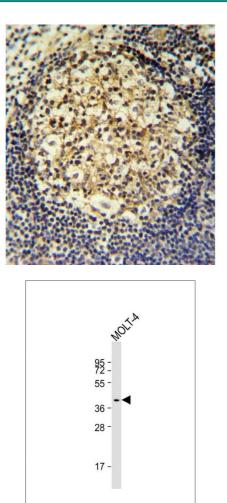
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Target Details	
Background:	CCR7 is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is 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.
Molecular Weight:	42874
Gene ID:	1236
NCBI Accession:	NP_001829
UniProt:	P32248
Pathways:	Regulation of Actin Filament Polymerization, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:500. WB: 1:1000. WB: 1:500-1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Zhang, Song, Wang, Wang, Zeng, Zhai, Ma, Li, Liao, Wang, Zhen, Wang, Cao, Lin, Ning, Liu: " Nasal IL-4(+)CXCR5(+)CD4(+) T follicular helper cell counts correlate with local IgE production

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Zhong, Zhou, Wu, Guo, Tan, Zhang, Zhang, Geng, Pan, Luo, Zhang, Xu, Liu, Liu, Gao, Liu, Ren, Li, Zhou, Zhang: "A SnoRNA-derived piRNA interacts with human interleukin-4 pre-mRNA and induces its decay in nuclear exosomes." in: **Nucleic acids research**, Vol. 43, Issue 21, pp. 10474-91, (2015) (PubMed).

#### Images



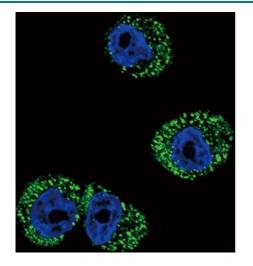
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** CCR7 Antibody (N-term) (ABIN651190 and ABIN2840119) IHC analysis in formalin fixed and paraffin embedded human tonsil followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CCR7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** Anti-CCR7 Antibody (Nterm) at 1:500 dilution + MOLT-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of CCR7 Antibody (N-term) (ABIN651190 and ABIN2840119) with MDA-M cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN651190.