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## anti-CCR9 antibody





#### Overview

Quantity:	100 μL
Target:	CCR9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CCR9 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Purpose:	CCR9 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CCR9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	CCR9
Alternative Name:	CCR9 (CCR9 Products)
Background:	The protein encoded by this gene is a member of the beta chemokine receptor family. It is

predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],CC-CKR-9, CDw199, GPR-9-6, GPR28,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,CCR9

Molecular Weight: 45kDa

Gene ID: 10803

UniProt: P51686

## **Application Details**

Application Notes: WB,1:500 - 1:2000

For Research Use only

#### Handling

Restrictions:

Format:

Buffer:

PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative:

Sodium azide

Precaution of Use:

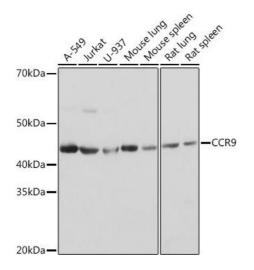
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C

Storage Comment:

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



## **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using CCR9 Rabbit mAb (ABIN7266311) 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.