

## Product datasheet

# Anti-CCR9 antibody ab38567

[1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-CCR9 antibody
<b>Description</b>	Rabbit polyclonal to CCR9
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide (10-30 aa in length) at the N-term of first 100 aa of human CCBP2 conjugated to KLH
<b>Positive control</b>	Human breast carcinoma and hepatocarcinoma tissue and mouse liver tissue lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	ab38567 was purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab38567** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/1000.
WB		1/100 - 1/500. Detects a band of approximately 43 kDa (predicted molecular weight: 40 kDa).

## Target

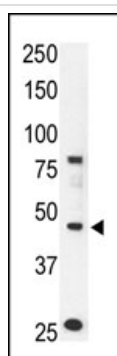
### Relevance

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. This gene is expressed in a range of tissues and hemopoietic cells. The expression of this receptor in lymphatic endothelial cells and overexpression in vascular tumors suggested its function in chemokine-driven recirculation of leukocytes and possible chemokine effects on the development and growth of vascular tumors. This receptor appears to bind the majority of beta-chemokine family members; however, its specific function remains unknown. 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 chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes. Two alternatively spliced transcript variants have been described.

### Cellular localization

Cell membrane; Multi-pass membrane protein.

## Images



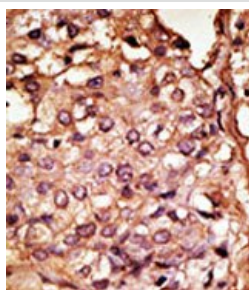
Western blot - CCR9 antibody (ab38567)

Anti-CCR9 antibody (ab38567) at 1/500 dilution + Mouse liver tissue lysate

**Predicted band size :** 40 kDa

**Observed band size :** 43 kDa

**Additional bands at :** 27 kDa,80 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - CCR9 antibody (ab38567)

Formalin fixed and paraffin embedded human breast carcinoma tissue stained with ab38567, followed by AEC staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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