

Product datasheet

Anti-CCR9 antibody ab38567

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

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Purification notes	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.
Clonality	Polyclonal
Isotype	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

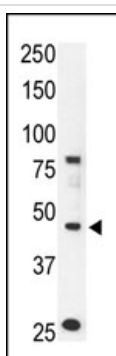
Relevance

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



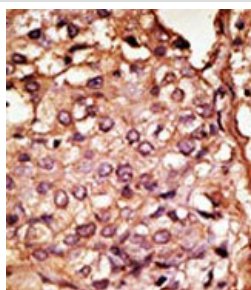
Western blot - CCR9 antibody (ab38567)

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.

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