

ARG41619 anti-CCR9 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CCR9
Tested Reactivity	Hu, Ms
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCR9
Species	Human
Immunogen	Synthetic peptide of Human CCR9.
Conjugation	Un-conjugated
Alternate Names	CCR-9; GPR-9-6; C-C chemokine receptor type 9; CDw199; GPR28; C-C CKR-9; CD antigen CDw199; G-protein coupled receptor 28; CC-CKR-9

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>1:50</td></tr> <tr> <td>ICC/IF</td><td>1:50 - 1:200</td></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	FACS	1:50	ICC/IF	1:50 - 1:200	WB	1:500 - 1:2000
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FACS	1:50								
ICC/IF	1:50 - 1:200								
WB	1:500 - 1:2000								
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.								
Positive Control	A549								
Observed Size	~ 42 kDa								

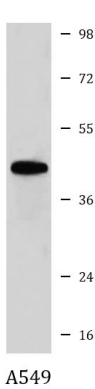
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	CCR9
Gene Full Name	chemokine (C-C motif) receptor 9
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]
Function	Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG41619 anti-CCR9 antibody WB image

Western blot: A549 cell lysate stained with ARG41619 anti-CCR9 antibody.