

CCR1 Polyclonal Antibody

CATALOG NO:	3414-30T	30 µg (Trial size)
	3414-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 341 of human CCR1 (ID# BV-569)	
SPECIES REACTIVITY:	Human, Monkey, Mouse (weakly)	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

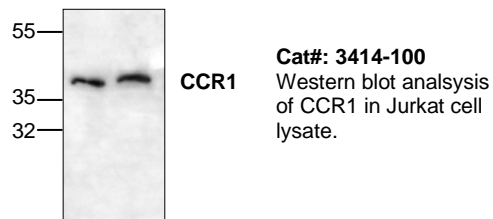
Chemokines play an important role in inflammation and are critical for the recruitment of effector immune cells to sites of infection. Chemokines activate leukocytes by binding to G protein coupled receptors. The ever-growing chemokine receptor subtypes can be divided into 2 major groups, CXCR and CCR, based on the 2 major classes of chemokines. One of the CCR receptors, CCR1, is expressed on neutrophils, monocytes, lymphocytes, and eosinophils and binds the leukocyte chemoattractant and hemopoiesis regulator macrophage-inflammatory protein (MIP-1), eotaxin, as well as several other related chemokines. Mice lacking the chemokine receptor CCR1 have defects in neutrophil trafficking and proliferation.

SPECIFICITY:

The anti-CCR1 antibody recognizes 42 kDa human and monkey CCR1 and in a lesser extent the mouse CCR1 in Western blot analysis.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3414BP-50) is available separately.



FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

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- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies