

Datasheet for ABIN5611255

anti-CCR1 antibody

4 Images

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Overview

Quantity:	0.1 mg
Target:	CCR1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD191 (AA: extra mix) expressed in E. coli.
Clone:	8E10G6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CCR1
Alternative Name:	CD191 (CCR1 Products)
Background:	Description: This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte

Target Details

chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CCXCR1, are found to form a gene cluster on chromosome 3p. Aliases: CCR1, CKR1, CKR-1, HM145, CMKBR1, MIP1aR, SCYAR1

Molecular Weight:	41.2 kDa
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Gene ID:	1230
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HGNC:	1230
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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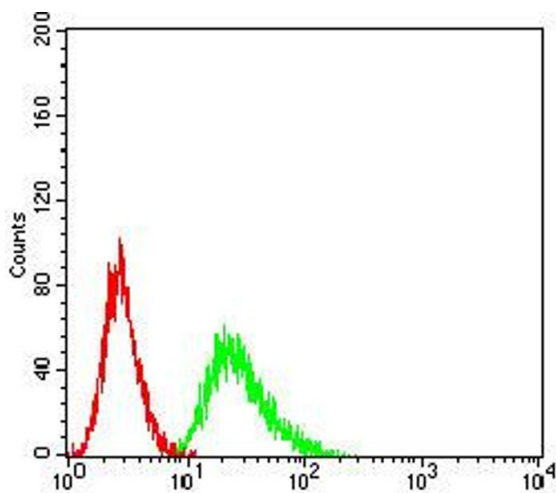
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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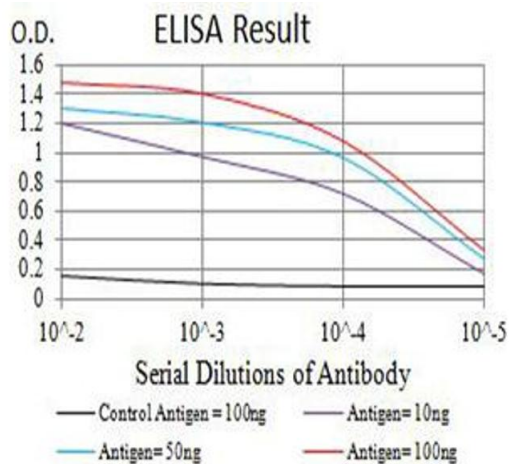
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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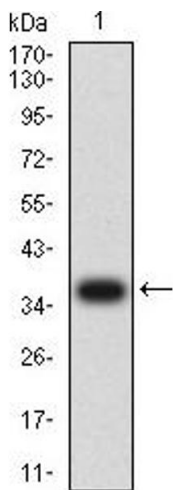
Flow Cytometry

Image 1. Flow cytometric analysis of Ramos cells using CD191 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD191 mAb against human CD191 (AA: extra mix) recombinant protein. (Expected MW is 37 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611255.