

Datasheet for ABIN5611203

**anti-CCR5 antibody**

## 7 Images

[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	CCR5
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD195 (AA: extra mix) expressed in E. coli.
Clone:	6G11D1
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	CCR5
Alternative Name:	CD195 ( <a href="#">CCR5 Products</a> )
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. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene

## Target Details

have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemokine receptor gene cluster region. An allelic polymorphism in this gene results in both functional and non-functional alleles, the reference genome represents the functional allele. Two transcript variants encoding the same protein have been found for this gene.

Aliases: CCR5, CKR5, CCR-5, CKR-5, CCCKR5, CMKBR5, IDDM22, CC-CKR-5

Molecular Weight: 40.5 kDa

Gene ID: 1234

HGNC: 1234

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [cAMP Metabolic Process](#), [Regulation of Cell Size](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

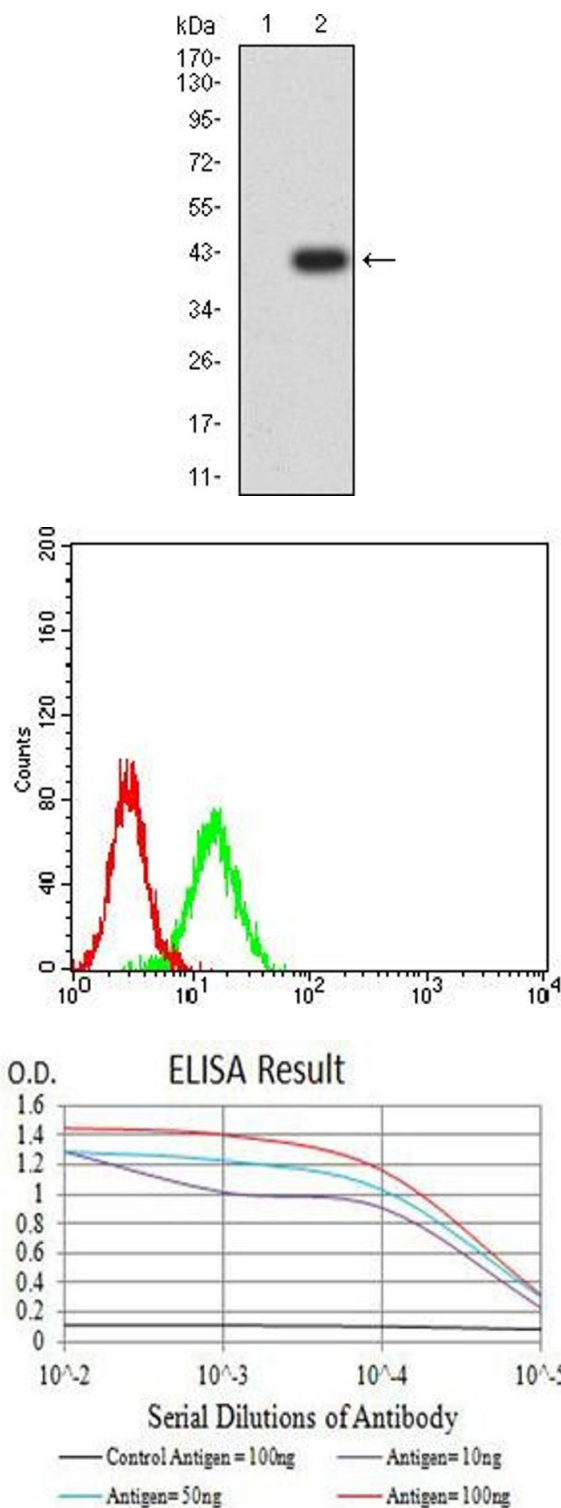
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



Western Blotting

**Image 1.** Western blot analysis using CD195 mAb against HEK293 (1) and CD195 (AA: extra mix)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

**Image 2.** Flow cytometric analysis of K562 cells using CD195 mouse mAb (green) and negative control (red).

ELISA

**Image 3.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5611203.