

Datasheet for ABIN5611256 **anti-CCR1 antibody**

5 Images



[Go to Product page](#)

Overview

| | |
|--------------|-----------------------------------------------------|
| Quantity: | 100 µL |
| Target: | CCR1 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CCR1 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

| | |
|---------------|------------------------------------------------------------------------------|
| Purpose: | CD191 Antibody |
| Immunogen: | Purified recombinant fragment of human CD191 (AA: mix) expressed in E. Coli. |
| Clone: | 8E10F9 |
| Isotype: | IgG1 |
| Purification: | Purified antibody |

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 |

Target Details

ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPlF-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: 41.2kDa

Gene ID: 1230

HGNC: 1230

UniProt: [P32246](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

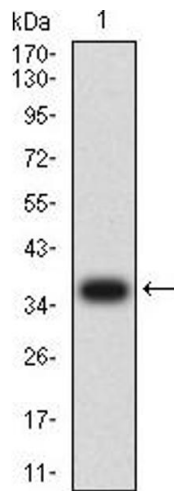
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

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

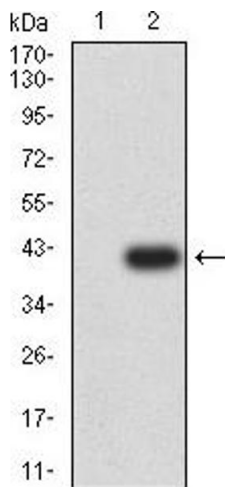
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



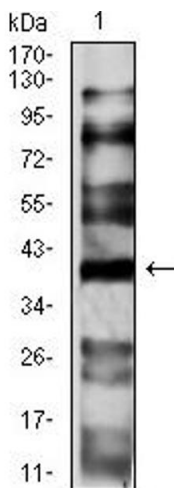
Western Blotting

Image 1. Western blot analysis using CD191 mAb against human CD191 (AA: extra mix) recombinant protein. (Expected MW is 37 kDa)



Western Blotting

Image 2. Western blot analysis using CD191 mAb against HEK293 (1) and CD191 (AA: extra mix)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using CD191 mouse mAb against HepG2 (1) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611256.