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**Product Name: CCR3 (9I16) Rabbit Monoclonal Antibody****Catalog #: AMRe08158**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:200
<b>Molecular Weight</b>	41kDa

**Antigen Information**

<b>Gene Name</b>	CCR3
<b>Alternative Names</b>	CCR3; CD193; CCKR3; CMKBR3; CKR3; CMKBR1L2; C-C chemokine receptor type 3;
<b>Gene ID</b>	1232.0
<b>SwissProt ID</b>	P51677
<b>Immunogen</b>	A synthetic peptide of human CCR3

**Background**

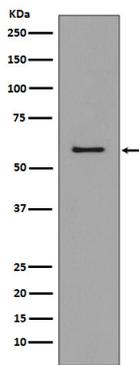
Receptor for a C-C type chemokine. Binds to eotaxin, eotaxin-3, MCP-3, MCP-4, RANTES and MIP-1 delta. Subsequently

transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection. Receptor for C-C type chemokine. Binds and responds to a variety of chemokines, including CCL11, CCL26, CCL7, CCL13, RANTES(CCL5) and CCL15 (PubMed:7622448, PubMed:8642344, PubMed:8676064). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:8676064). In addition acts as a possible functional receptor for NARS1 (PubMed:30171954).

## Research Area

Immunology; Innate Immunity; Chemokines; Beta Chemokine Rec. (CCR); Signal Transduction; Signaling Pathway; G Protein Signaling; GPCR; Immune System Diseases; Antiviral Signaling; HIV-related

## Image Data



Western blot analysis of CCR3 expression in K562 cell lysate.