

CCR3 rabbit monoclonal antibody

Catalog # H00001232-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CCR3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CCR3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CCR3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CCR3

Entrez GeneID	1232
GeneBank Accession#	CCR3
Gene Name	CCR3
Gene Alias	CC-CKR-3, CD193, CKR3, CMKBR3, MGC102841
Gene Description	chemokine (C-C motif) receptor 3
Omim ID	601268
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Other Designations	CC chemokine receptor 3 OTTHUMP00000164718 b-chemokine receptor eosinophil CC chemokine receptor 3 eosinophil eotaxin receptor

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)

- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Celiac Disease](#)
- [Chlamydia Infections](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Eosinophilia](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Migraine Disorders](#)

- [Mucocutaneous Lymph Node Syndrome](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Trachoma](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)