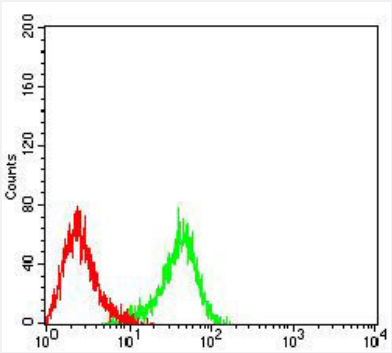
CCR3 monoclonal antibody, clone 8E9H10

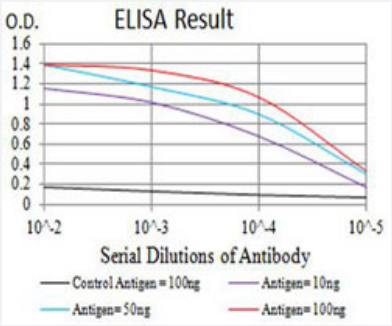
Catalog # MAB17962 Size 100 ug

Applications



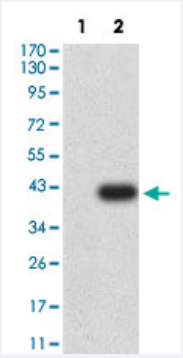
Flow Cytometry

Flow cytometric analysis of HL-60 cells with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962) (Green). Red: Negative Control.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962).



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CCR3-hIgGFc transfected HEK293 cell lysates with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human CCR3.

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Immunogen	Recombinant protein corresponding to human CCR3.
Host	Mouse
Theoretical MW (kDa)	41
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Flow cytometric analysis of HL-60 cells with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962) (Green). Red: Negative Control.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962).

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: CCR3-hIgGFc transfected HEK293 cell lysates with CCR3 monoclonal antibody, clone 8E9H10 (Cat # MAB17962).

Gene Info — CCR3

Entrez GeneID	1232
Protein Accession#	P51677
Gene Name	CCR3

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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

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- 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

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- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Rhinitis
- Schizophrenia
- Stroke
- Thrombophilia
- Tobacco Use Disorder
- Trachoma
- Urinary Bladder Neoplasms
- Werner syndrome

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