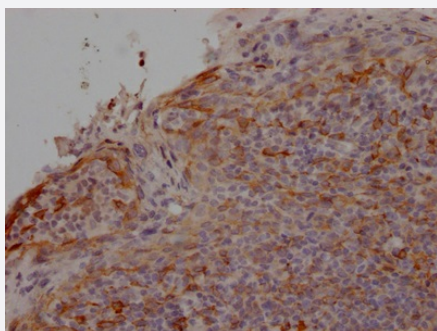


RecomAb™

CCR2 recombinant monoclonal antibody, clone 6A1

Catalog # RAB07534 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using CCR2 recombinant monoclonal antibody, clone 6A1 (Cat # RAB07534) on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CCR2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CCR2.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction

Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using CCR2 recombinant monoclonal antibody, clone 6A1 (Cat # RAB07534) on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCR2

Entrez GeneID [729230](#)

Protein Accession# [P41597](#)

Gene Name CCR2

Gene Alias MGC168006

Gene Description chemokine (C-C motif) receptor 2-like

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene. [provided by RefSeq]

Other Designations -

Pathway

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

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Albuminuria](#)
- [Arthritis](#)
- [Asthma](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chorioamnionitis](#)
- [Cognition Disorders](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cumulative Trauma Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Endometrial Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Kidney Diseases](#)

- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasm Invasiveness](#)
- [Neuropsychological Tests](#)
- [Obstetric Labor](#)
- [Papillomavirus Infections](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Retinal Diseases](#)
- [Rhabdomyolysis](#)
- [Substance Abuse](#)
- [Tuberculosis](#)
- [Tumor Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)