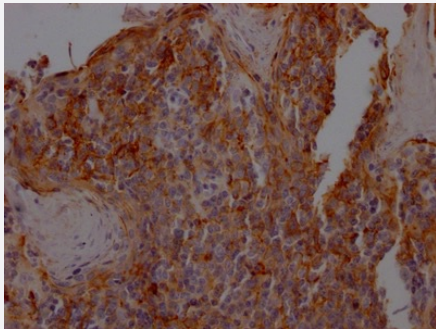


RecomAb™

ICAM1 recombinant monoclonal antibody, clone 3E9

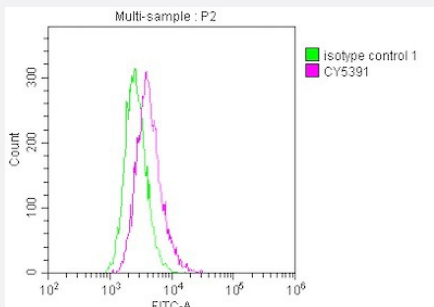
Catalog # RAB03975 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry staining in paraffin-embedded human tonsil tissue.



Flow Cytometry

Overlay histogram showing Raji cells stained with ICAM1 recombinant monoclonal antibody, clone 3E9 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ICAM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human ICAM1.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography

Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:20-1:200) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
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

Immunohistochemistry staining in paraffin-embedded human tonsil tissue.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay histogram showing Raji cells stained with ICAM1 recombinant monoclonal antibody, clone 3E9 (red line) at 1:50.

Gene Info — ICAM1

Entrez GeneID	3383
Protein Accession#	P05362
Gene Name	ICAM1
Gene Alias	BB2, CD54, P3.58
Gene Description	intercellular adhesion molecule 1
Omim ID	147840 248310 611162
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq]

Other Designations

cell surface glycoprotein P3.58|human rhinovirus receptor|intercellular adhesion molecule 1 (CD54), human rhinovirus receptor

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Acute Disease](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)
- [Arthritis](#)
- [Asthma](#)
- [Astrocytoma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Biliary Atresia](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Brain Ischemia](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chlamydia Infections](#)
- [Cholangitis](#)
- [Chronic Disease](#)
- [Cicatrix](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Common Cold](#)
- [Community-Acquired Infections](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Crohn Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)

- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Encephalitis](#)
- [Endometriosis](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)
- [Fatigue Syndrome](#)
- [Fibrosis](#)
- [Gastrointestinal Hemorrhage](#)
- [Gastroschisis](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)

- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)

- [Myocardial Infarction](#)
- [Myocardial Reperfusion Injury](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatitis](#)
- [Parkinson disease](#)
- [Periodontitis](#)
- [Peripheral Arterial Disease](#)
- [Peripheral Vascular Diseases](#)
- [Pneumonia](#)
- [Polymyalgia Rheumatica](#)
- [Postoperative Complications](#)
- [Postoperative Hemorrhage](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Purpura](#)
- [Q Fever](#)

- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Shock](#)
- [Skin Neoplasms](#)
- [Stroke](#)
- [Syndrome](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Temporal Arteritis](#)
- [Thrombosis](#)
- [Trachoma](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Tract Infections](#)
- [Uveitis](#)
- [Vasculitis](#)
- [Venous Thrombosis](#)
- [Vertebral Artery Dissection](#)
- [Vision Disorders](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)