# ICAM1 monoclonal antibody, clone MEM-111

Catalog # MAB0891 Size 100 ug

## Specification

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|---|---|
| **Product Description** | Mouse monoclonal antibody raised against native ICAM1. |
| **Immunogen** | Native purified ICAM1 from Raji human Burkitt's lymphoma cell line. |
| **Host** | Mouse |
| **Reactivity** | Bovine, Human, Rat |
| **Specificity** | This antibody reacts with CD54 (ICAM-1). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. |
| **Form** | Liquid |
| **Purification** | Protein A purification |
| **Isotype** | IgG2a |
| **Recommend Usage** | The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.4 (0.09% sodium azide) |
| **Storage Instruction** | Store at 4°C. Do not freeze.<br>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
- Enzyme-linked Immunoabsorbent Assay
- Western Blot

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## Gene Info — ICAM1

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|---|---|
| **Entrez GeneID** | 3383 |
| **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

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- 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

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- 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

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- 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

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- 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

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- 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

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- Venous Thrombosis
- Vertebral Artery Dissection
- Vision Disorders
- Waldenstrom Macroglobulinemia
- Werner syndrome

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