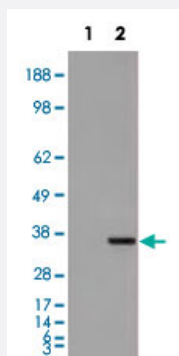


FCGR2A monoclonal antibody, clone 13D7

Catalog # MAB12859

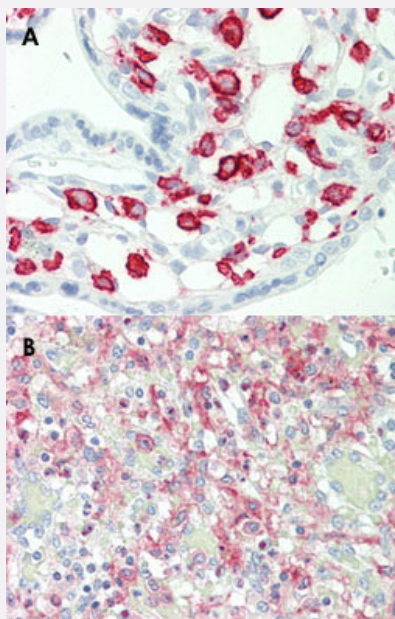
Size 50 uL

Applications



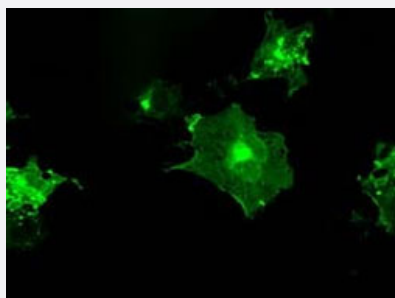
Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells transfected with the Lane 1: pCMV6-ENTRY control and Lane 2: pCMV6-ENTRY FCGR2A cDNA for 48 hrs (5 ug/lane) using FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta (A) and human spleen (B) with FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859).



Immunofluorescence

Immunofluorescent staining of COS-7 cells with FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859) transiently transfected by pCMV6-ENTRY FCGR2A.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human FCGR2A.
Immunogen	Recombinant protein corresponding to full length human FCGR2A.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b
Recommend Usage	Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Immunoprecipitation Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.3 (50% glycerol, 1% BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°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

- Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells transfected with the Lane 1: pCMV6-ENTRY control and Lane 2: pCMV6-ENTRY FCGR2A cDNA for 48 hrs (5 ug/lane) using FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta (A) and human spleen (B) with FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859).

- Immunofluorescence

Immunofluorescent staining of COS-7 cells with FCGR2A monoclonal antibody, clone 13D7 (Cat # MAB12859) transiently transfected by pCMV6-ENTRY FCGR2A.

- Immunoprecipitation

Gene Info — FCGR2A

Entrez GeneID	2212
Protein Accession#	P12318
Gene Name	FCGR2A
Gene Alias	CD32, CD32A, CDw32, FCG2, FCGR2, FCGR2A1, FcGR, IGFR2, MGC23887, MGC30032
Gene Description	Fc fragment of IgG, low affinity IIa, receptor (CD32)
Omim ID	146790
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	Fc fragment of IgG, low affinity IIa, receptor Fc fragment of IgG, low affinity IIa, receptor for (CD32) Immunoglobulin G Fc receptor II OTTHUMP00000032377

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Systemic lupus erythematosus](#)

Disease

- [Acute Disease](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Aggressive Periodontitis](#)
- [Agranulocytosis](#)
- [AIDS-Related Opportunistic Infections](#)

- [Albuminuria](#)
- [Alveolar Bone Loss](#)
- [Anemia](#)
- [Anti-Glomerular Basement Membrane Disease](#)
- [Antiphospholipid Syndrome](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Brucellosis](#)
- [Candidiasis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Celiac Disease](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)

- [Community-Acquired Infections](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cryptococcosis](#)
- [Cystic fibrosis](#)
- [Dengue](#)
- [Dental Plaque](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Epilepsy](#)
- [Erythroblastosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Graft vs Host Disease](#)
- [Gram-Negative Bacterial Infections](#)
- [Graves Disease](#)
- [Guillain-Barre Syndrome](#)
- [Haemophilus Infections](#)
- [Hematologic Diseases](#)

- [Hepatitis](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lichen Planus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lupus Vasculitis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Mandibular Diseases](#)
- [Maxillary Diseases](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Myasthenia Gravis](#)
- [Nephritis](#)
- [Neuroblastoma](#)

- [Neutropenia](#)
- [Occupational Diseases](#)
- [Onchocerciasis](#)
- [Otitis Media with Effusion](#)
- [Papillomavirus Infections](#)
- [Parasitemia](#)
- [Pemphigoid](#)
- [Periapical Periodontitis](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Diseases](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Placenta Diseases](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)
- [Poliomyelitis](#)
- [Postpoliomyelitis Syndrome](#)
- [Pregnancy Complications](#)
- [Pseudomonas Infections](#)
- [Puerperal Disorders](#)
- [Purpura](#)
- [Recurrence](#)
- [Respiratory Tract Infections](#)
- [Rheumatic Fever](#)
- [Rhinitis](#)
- [Scleroderma](#)

- [Seizures](#)
- [Sepsis](#)
- [Severe Acute Respiratory Syndrome](#)
- [Sickle Cell Trait](#)
- [Stomach Neoplasms](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Temporal Arteritis](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vasculitis](#)
- [Ventricular Dysfunction](#)
- [Waldenstrom Macroglobulinemia](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)