

CD32 monoclonal antibody, clone 7.3

Catalog # MAB6930

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against human CD32.
Immunogen	Human K562 tumor cells and L cells transfected with human Fc gamma RII.
Host	Mouse
Reactivity	Human
Specificity	Antibody 7.3 reacts with a domain 2 epitope of all CD32 isoforms. It exhibits preferential binding to Fc gamma RIIb (inhibitory) isoform transfectants.
Form	Liquid
Purity	>95%
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate).
Storage Instruction	Store at 4°C. Avoid repeated freezing and thawing.

Applications

- Flow Cytometry

Gene Info — FCGR2A

Entrez GeneID

[2212](#)

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

Gene Info — FCGR2B

Entrez GeneID	2213
Gene Name	FCGR2B
Gene Alias	CD32, CD32B, FCG2, FCGR2, IGFR2
Gene Description	Fc fragment of IgG, low affinity IIb, receptor (CD32)
Omim ID	152700 604590 611162
Gene Ontology	Hyperlink
Gene Summary	low affinity IIb
Other Designations	Fc fragment of IgG, low affinity II, receptor for (CD32) Fc fragment of IgG, low affinity IIb, receptor for (CD32) Fc gamma RIIB OTTHUMP00000032379

Gene Info — FCGR2C

Entrez GeneID	9103
Gene Name	FCGR2C
Gene Alias	CD32, CD32C, FCGR2B, FcRIIC, FcgammaRIIC, hFcRII-C
Gene Description	Fc fragment of IgG, low affinity IIc, receptor for (CD32)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes one of three members of a family of low-affinity immunoglobulin gamma Fc receptors found on the surface of many immune response cells. The encoded protein is a transmembrane glycoprotein and may be involved in phagocytosis and clearing of immune complexes. This gene is thought to be the result of an unequal crossover event between the Fc gamma receptor IIA and IIB genes

Other Designations

Fc fragment of IgG, low affinity IIc, receptor for

Publication Reference

- [Cytokine-mediated regulation of activating and inhibitory Fc gamma receptors in human monocytes.](#)

Liu Y, Masuda E, Blank MC, Kirou KA, Gao X, Park MS, Pricop L.

Journal of Leukocyte Biology 2005 May; 77(5):767.

Application: IF, Human, A375 cells

Pathway

- [B cell receptor signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Systemic lupus erythematosus](#)
- [Systemic lupus erythematosus](#)
- [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](#)
- [Anti-Glomerular Basement Membrane Disease](#)
- [Antiphospholipid Syndrome](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)
- [Brucellosis](#)
- [Candidiasis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)

- [Celiac Disease](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Chronic Periodontitis](#)
- [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 Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Epilepsy](#)
- [Erythroblastosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Glomerulonephritis](#)
- [Graft vs Host Disease](#)
- [Gram-Negative Bacterial Infections](#)
- [Graves Disease](#)
- [Guillain-Barre Syndrome](#)
- [Haemophilus Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis](#)
- [Hepatitis](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lichen Planus](#)
- [Lichen Planus](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lupus Nephritis](#)

- [Lupus Vasculitis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Malaria](#)
- [Mandibular Diseases](#)
- [Maxillary Diseases](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [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](#)
- [Pemphigoid](#)
- [Periapical Periodontitis](#)

- [Periapical Periodontitis](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Diseases](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Periodontitis](#)
- [Placenta Diseases](#)
- [Pneumococcal Infections](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)
- [Poliomyelitis](#)
- [Postpoliomyelitis Syndrome](#)
- [Pregnancy Complications](#)
- [Pseudomonas Infections](#)
- [Puerperal Disorders](#)
- [Purpura](#)
- [Purpura](#)
- [Recurrence](#)
- [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](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vasculitis](#)
- [Vasculitis](#)
- [Ventricular Dysfunction](#)
- [Waldenstrom Macroglobulinemia](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)