

## ARG56012 anti-CD32 antibody [7.3]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [ 7.3 ] recognizes CD32
Tested Reactivity	Hu
Tested Application	ICC/IF
Host	Mouse
Clonality	Monoclonal
Clone	7.3
Isotype	IgG1, kappa
Target Name	CD32
Species	Human
Immunogen	K562 and FcγRII+L cells.
Conjugation	Un-conjugated
Alternate Names	Fc-gamma RII-a; CD antigen CD32; FcGR; IgG Fc receptor II-a; FCGR2A1; CD32A; FCGR2; Low affinity immunoglobulin gamma Fc region receptor II-a; FcRII-a; Fc-gamma-RIIa; FCG2; IGFR2; CD32; CDw32

### Application Instructions

Application table	Application	Dilution
	ICC/IF	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 2212 Human</a> <a href="#">Swiss-port # P12318 Human</a>
Gene Symbol	FCGR2A
Gene Full Name	Fc fragment of IgG, low affinity IIa, receptor (CD32)
Background	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, Oct 2008]
Function	Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens. [UniProt]
Calculated Mw	35 kDa
PTM	Phosphorylated by SRC-type Tyr-kinases such as LYN, BLK, FYN, HCK and SYK.
Cellular Localization	Cell surface