

Mouse anti-Human CD32 Monoclonal Antibody | anti-CD32 antibody

anti-human CD32-Fab

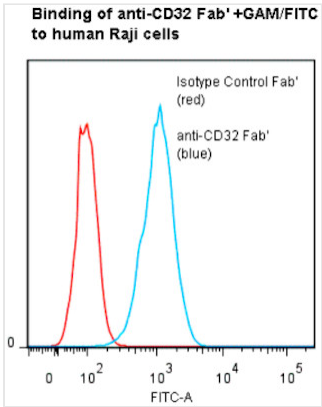
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78160	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD32; Monoclonal Antibody; anti-human CD32-Fab; Monoclonal anti-human CD32(Fc gamma RII) Fab; anti-CD32 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	7.3
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl. Product was sterile filtered and viald under aseptic conditions. No preservative added.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-CD32 antibody	FCM/FACS (Flow Cytometry)
Performance	Five x 10 ⁵ cultured human Raji cells were washed and incubated 45 minutes on ice with 80 ul of anti-CD32 Fab at 10 ug/ml. Cells were washed twice and incubated with 2° reagent Goat anti-Mouse IgG/FITC (Catalog #), after which they were washed three times, fixed and analyzed by FC. Cells stained positive with a mean shift of 0.55 log ₁₀ fluorescent units when compared to a Mouse IgG1 Fab' negative control (Catalog #).
Conjugation	Fab
Production	Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Immunoglobulin was enzymatically cleaved using Immobilized Ficin. Fab was separated from intact antibody and Fc fragments by Protein A and Size exclusion chromatography. No intact antibody was observed by SDS-PAGE.
Immunogen	Human K562 tumor cells and L cells transfected with human Fc gamma RII
Preparation and Storage	Store at 2 - 5°C. Open under aseptic conditions. Freeze/Thawing is not recommended. Product should retain activity for at least 12 months after shipping date when stored as recommended.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD32 antibody	Information: Human CD32 exists in at least six isoforms originating from three different genes (FcγRII A, B and C). The CD32 molecule is a low affinity receptor for immune complexed IgG and has signal-transducing capabilities involved with humoral and cell-mediated immune responses. Antibody 7.3 reacts with a domain 2 epitope or all CD32 isoforms. Intact and Fab ₂ 7.3 antibody blocks immune complex binding.
References	Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 823-836.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117616286
NCBI Official Full Name	CD32

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.