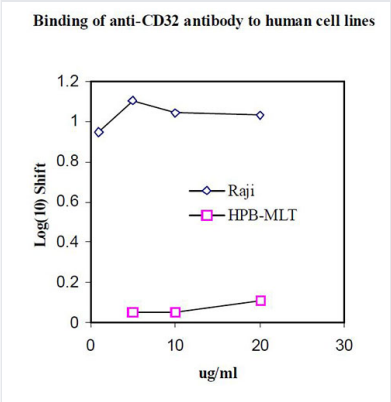
CD32 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD32, Monoclonal Antibody
Full Product Name	anti-human CD32-Purified (with Antibiotics)
Product Gene Name	anti-CD32 antibody
Product Synonym Names	Monoclonal anti-human CD32(Fc gamma RII)
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	7.3
Host	Mouse
Species Reactivity	Human
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5% Gentamicin sulfate
Purity/Purification	Purified (with Antibiotics)
Concentration	1.0 mg/ml (lot specific)
Preparation and Storage	Store at 2 - 5 degree C. Freeze/Thawing is not recommended. Product should retain activity for at least 12 months after shipping date when stored as recommended.
Performance	Five x 105 cultured human Raji cells were incubated 45 minutes on ice with 80 ul of anti-CD32 antibody at 10 ug/ml. Cells were washed twice and incubated with 2 degree reagent Goat anti-Mouse IgG/FITC, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.04 log10 fluorescent units when compared to a Mouse IgG1 negative control at a similar concentration.
Production	Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE with less than 1% Bovine Immunoglobulin.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).
Group Header	anti-human CD32
Immunogen	Human K562 tumor cells and L cells transfected with human Fc gamma RII
Applications Tested/Suitable for anti-CD32 antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD32 antibody	**Information:** Human CD32 exists in at least six isoforms originating from three different genes (Fcƒ×RII 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.
Product References and Citations for anti-CD32 antibody	Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 823-836. A. Aicher, et al, (2000) J Immunol 164: 4689-4696.
Other Notes	Small volumes of anti-CD32 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD32 purchase	MBS666541 is an antibody targeting CD32. Also known as anti-human CD32-Purified (with Antibiotics). Reactive in Human. Host: Mouse.



Testing Data of anti-CD32 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD32. It may not necessarily be applicable to this product.

NCBI GI #	117616286
NCBI Accession #	ABK42161.1
NCBI Official Full Name	CD32
Protein Family	CD320 antigen
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