

PERFORMANCE DATA SHEET

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Monoclonal anti-human CD32(Fc gamma RII)***mAb name/Clone:** 7.3**Isotype:** Mouse IgG1 κ **Immunogen:** Human K562 tumor cells and L cells transfected with human Fc gamma RII**CATALOG#:** 181-020**QUANTITY:** 100 μ g**CONCENTRATION:** 1.0 mg/ml

INFORMATION: Human CD32 exists in at least six isoforms originating from three different genes (Fc γ 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.

References: 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.

STORAGE CONDITIONS: *Store at 2 - 5°C.* Freeze/Thawing is not recommended.

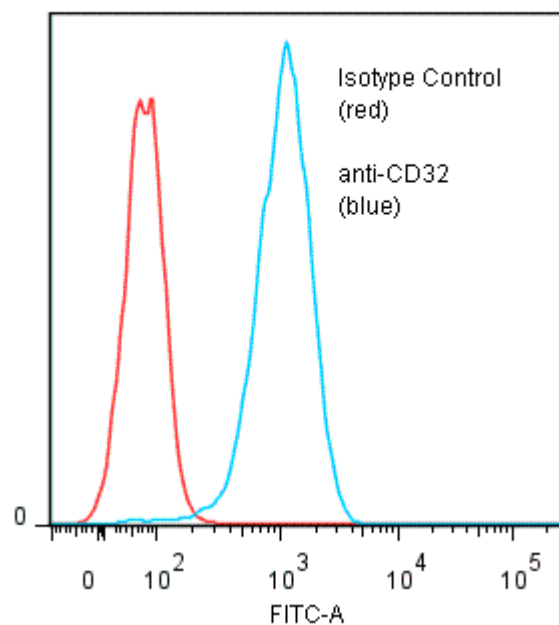
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

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.

PERFORMANCE: Five x 10⁵ cultured human **Raji** cells were incubated 45 minutes on ice with 80 μ l of anti-CD32 antibody at 5 μ g/ml. Cells were washed twice and incubated with 2^o reagent Goat anti-Mouse IgG/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 0.9 log₁₀ fluorescent units when compared to a Mouse IgG1 negative control (Catalog #278-010).

**Binding of anti-CD32 mAb
+GAM/FITC to human Raji cells**



**Research use only. Not for use in Diagnostic procedures.*