

PERFORMANCE DATA SHEET

1850

Monoclonal anti-human CD268 (BAFFR)/Biotin*

mAb name/Clone: ANC268.2/6E6

Isotype: Mouse IgG1 κ

Immunogen: Recombinant human CD268

CATALOG#: 275-030

QUANTITY: 100 μ g

CONCENTRATION: 1.0 mg/ml

INFORMATION : Human CD268 (BAFFR, BAFF receptor) is a type I TNF superfamily receptor member #13c. It is highly specific for CD257 (BAFF)., which itself does bind to other receptors TACI, and BCMA. CD268 expressed on B cells and its ligation by CD257 (BAFF) regulates maturation (1). Antibody ANC268.2 binds to recombinant CD268 (but not CD269) in EIA and native CD268 expressed on Raji cell surface.

REFERENCES: 1) [Thompson, J S, C Ambrose, et al. \(2001\) *Science* 293\(5537\): 2108-2111.](#)

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, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Antibody from (low FBS containing) tissue culture supernatant was Protein A purified to >95% mouse immunoglobulin by SDS-PAGE (<1% bovine immunoglobulin), and reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column.

PERFORMANCE: Five x 10⁵ cultured human **Raji** cells per tube were washed and incubated 45 minutes on ice with 80 μ l of anti-human CD268/Biotin at 10 μ g/ml. Cells were washed twice and incubated with 2^o reagent Streptavidin/R-PE (Catalog #253-050) after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.1 log₁₀ fluorescent units when compared to a Mouse IgG1/Biotin negative control (Catalog #278-030). Binding was blocked when cells were pre incubated 10 minutes with 20 μ l of 0.5 mg/ml unlabeled anti-CD268 antibody (Catalog #275-020).

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

