

PERFORMANCE DATA SHEET

2034

Monoclonal anti-human CD268 (BAFFR)*

mAb name/Clone: ANC268.2/6E6

Isotype: Mouse IgG1κ

Immunogen: Recombinant human CD268

CATALOG#: 275-020

QUANTITY: 100 µg

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.

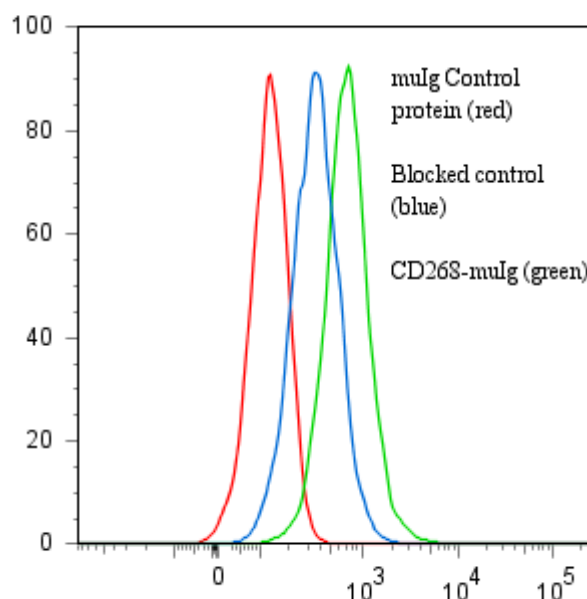
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 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 per tube were washed and incubated 45 minutes on ice with 80 µl of anti-human CD268 antibody at concentration of 5 µg/ml. Cells were washed twice and incubated with Goat-anti-Mouse/FITC (Cat# 232-011), after which they were washed twice, fixed and analyzed by FACS. Cells stained positive with a mean shift of 0.79 log10 fluorescent units when compared to isotype control Mouse IgG1 antibody (catalog #278-010). Antibody binding was partially blocked when reagent was pre incubated with a 10-fold excess of recombinant CD268-muIg (cat# 524-020).

Binding of anti-CD268(BAFFR) antibody + GAM/FITC to human Raji cells



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