PERFORMANCE DATA SHEET
1839

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:_____

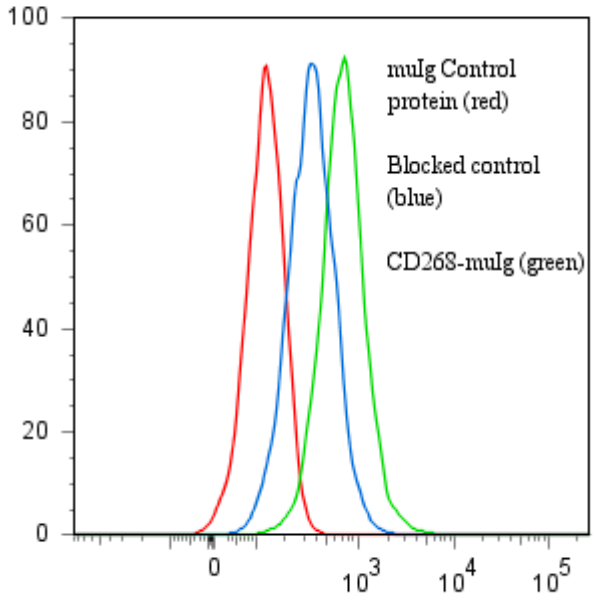
BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

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 10^5 cultured human **Raji** cells per tube were washed and incubated 45 minutes on ice with 80 ul 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).

****This Product is intended for Laboratory Research use only.***

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



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