PERFORMANCE DATA SHEET

1850

Ancell

Monoclonal anti-human CD268 (BAFFR)/Biotin*

mAb name/Clone: ANC268.2/6E6

Isotype: Mouse IgG1κ

Immunogen: Recombinant human CD268

CATALOG#: 275-030 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^oC*. Freeze/Thawing is not recommended.

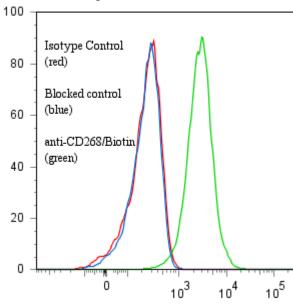
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date:_____

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 10^5 cultured human **Raji** cells per tube were washed and incubated 45 minutes on ice with 80 ul of anti-human CD268/Biotin at **10 µg/ml**. Cells were washed twice and incubated with 2^0 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** \log_{10} 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 µl of 0.5 mg/ml unlabeled anti-CD268 antibody (Catalog #275-020).

Binding of anti-CD268/Biotin +SA/PE to human Raji cells



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

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