

PERFORMANCE DATA SHEET

2414

Monoclonal anti-human CD268(BAFFR)/R-PE *

mAb name/Clone: ANC268.2/6E6

Isotype: Mouse IgG1 κ

Immunogen: Recombinant human CD268

CATALOG#: 275-050

QUANTITY: 120 tests

VOLUME IN VIAL: 0.2 ml

WORKING DILUTION: 1:50 (or use 1.6 μ l of concentrated reagent per 5 x 10⁵-cell test)

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. Do not freeze! Protect from light.

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, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Protein A purified antibody from tissue culture supernatant was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography. Antibody conjugate is at **0.5 mg/ml** with a PE : mAb ratio of 0.85:1.

PERFORMANCE: Five x 10⁵ cultured human **Raji** cells per tube were washed and incubated 45 minutes on ice with 80 μ l of anti-CD268/R-PE at a dilution factor of **1:50** (10 μ g/ml). Cells were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **0.52** log₁₀ fluorescent units when compared to a Mouse IgG1/R-PE negative control (Catalog #278-050) at a similar concentration. Binding was blocked when cells were pre incubated 10 minutes with 20 μ l of 0.5 mg/ml anti-CD268 antibody (Catalog #275-020).

* *Research Use Only. Not for use in Diagnostic procedures.*

Binding of anti-CD268(BAFFR)/PE to human Raji cells

