

## PERFORMANCE DATA SHEET

1850

# Monoclonal anti-human CD268 (BAFFR)\*

**mAb name/Clone:** ANC268.2/6E6

**Isotype:** Mouse IgG1 $\kappa$

**Immunogen:** Recombinant human CD268

**CATALOG#:** 275-820 (Preservative-free)

**QUANTITY:** 100  $\mu$ 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 not 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. *Open under aseptic conditions.*

**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.

**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. Product was 0.2 $\mu$  sterile filtered and vialled under aseptic conditions.

**PERFORMANCE:** Five x 10<sup>5</sup> cultured human **Raji** cells per tube were washed and incubated 45 minutes on ice with 80  $\mu$ l of anti-human CD268 antibody at concentration of 5  $\mu$ g/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** log<sub>10</sub> 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**

