

PERFORMANCE DATA SHEET

2048

Monoclonal anti-human CD269 (BCMA)*

mAb name/Clone: ANC3B1

Isotype: Mouse IgG1κ

Immunogen: Recombinant human CD269

CATALOG#: 269-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION : Human CD269 (BCMA, B cell maturation antigen) is predominantly expressed by mature B cells and is a type I TNF superfamily receptor member (TNFRSF17) . It is highly specific for its ligand CD257 (BAFF, Blys). Antibody ANC3B1 binds to recombinant CD269 (but not CD268) in EIA and native CD269 expressed on Raji cell surface. It blocks binding of recombinant soluble CD257(BAFF)trn-muCD8(cat# 525-020) to recombinant CD269(BCMA)-muIg (cat# 519-020) in EIA.

REFERENCES: 1) Schneider P., J. Tschopp, et al. *J. Exp. Med.* 1999, 189(11):1747-1756.

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 ul of anti-human CD269 antibody at concentration of **10 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 **0.32 log10** fluorescent units when compared to isotype control Mouse IgG1 antibody (catalog #278-010).

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

Binding of anti-CD269(BCMA) mAb +GAM/FITC to human Raji cells

