

Mouse anti-Human CD269 Monoclonal Antibody | anti-CD269 antibody

anti-human CD269 (BCMA)-Purified Preservative Free

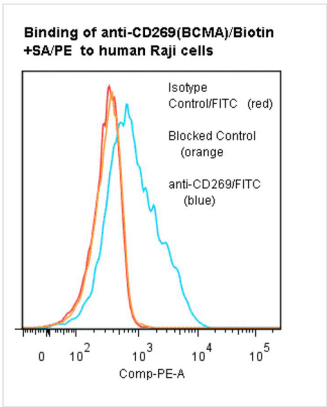
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78146	Mouse	Human	ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD269; Monoclonal Antibody; anti-human CD269 (BCMA)-Purified Preservative Free; Monoclonal anti-human CD269 (BCMA) /Biotin; anti-CD269 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	ANC3B1
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD269 antibody	ELISA, FCM/FACS (Flow Cytometry)
Performance	Five x 10 ⁵ cultured Raji cells were washed and incubated 45 minutes on ice with 80 ul of anti-CD269/Biotin at a concentration of 10 ug/ml. Cells were washed twice and incubated with 2 degree reagent Streptavidin/R-Phycoerythrin, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 0.58 log ₁₀ fluorescent units when compared to a Mouse IgG1/Biotin negative control at a similar concentration. Binding was blocked when cells were pre incubated 10 minutes with anti-CD269 antibody.
Conjugation	Biotin
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.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN ₃ (as a preservative).
Immunogen	Recombinant human CD269
Preparation and Storage	Store at 2 - 5 degree C. Freeze/thawing not recommended. Product should retain activity for at least 12 months after shipping date when stored as recommended.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD269 antibody	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 to recombinant CD269(BCMA)-mulg in EIA.
References	1) Schneider P., J. Tschopp, et al. J. Exp. Med. 1999, 189(11):1747-1756.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd269-antibody-clone-anc3b1-flow-cytometry-elisa/78146>