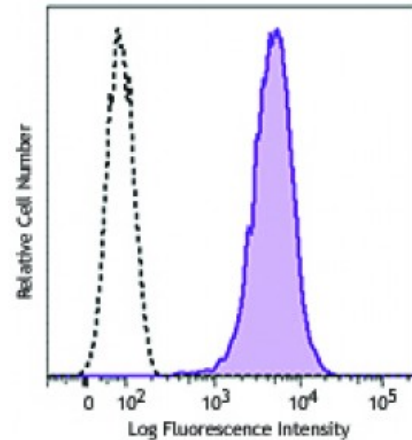


Biotin anti-human CD269 (BCMA)

Catalog # / Size: 2387570 / 100 µg
Clone: 19F2
Isotype: Mouse IgG2a, κ
Immunogen: BCMA-mouse IgG Fc fusion protein
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: Lot-specific



Human myeloma cell line U266 was stained with biotinylated CD269 (clone 19F2) (filled histogram) or biotinylated mouse IgG2a, κ isotype control (open histogram), followed by SAV-PE.

Applications:

Applications: Flow Cytometry
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD269, also known as B cell maturation antigen (BCMA), is a 27 kD, single pass transmembrane protein with one TNFR-Cys repeat on its extracellular domain. CD269 is a B cell maturation factor, essential for the long-term survival of plasma cells. It is expressed by plasmablasts, plasma cells, and germinal center B cells. The ligands of CD269 are BAFF and APRIL, and its cytoplasmic domain binds several of the TRAF family members.

Antigen References:

1. Coquery CM and Erickson LD. 2012. *Crit. Rev. Immunol.* 32:287.
2. Notas G, *et al.* 2012. *J. Immunol.* 189:4748.
3. Rickert RC, *et al.* 2011. *Immunol. Rev.* 244:115.
4. Mesin L, *et al.*