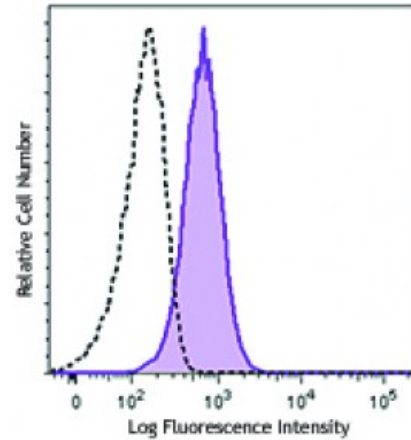


PerCP/Cy5.5 anti-human CD269 (BCMA)

Catalog # / Size:	2387550 / 100 tests 2387545 / 25 tests
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 PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Concentration:	Lot-specific



Human myeloma cell line U266 was stained with CD269 (clone 19F2) PerCP/Cy5.5 (filled histogram) or mouse IgG2a, κ PerCP/Cy5.5 isotype control (open histogram).

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 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
	* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

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.