

ARG42421 anti-CD267 / TACI antibody [1A1] (APC)

Package: 50 tests

Store at: 4°C

Summary

Product Description	APC-conjugated Rat Monoclonal antibody [1A1] recognizes CD267 / TACI
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The rat monoclonal antibody 1A1 recognizes an extracellular epitope of CD267 / TACI, a 32 kDa type III transmembrane protein expressed by B cells and possibly by some activated T cells.
Host	Rat
Clonality	Monoclonal
Clone	1A1
Isotype	IgG
Target Name	CD267 / TACI
Species	Human
Immunogen	CD267-transfected RBL cells.
Conjugation	APC
Alternate Names	Tumor necrosis factor receptor superfamily member 13B; Transmembrane activator and CAML interactor; TNFRSF14B; IGAD2; CD267; RYZN; TACI; CD antigen CD267; CVID; CVID2

Application Instructions

Application table	Application	Dilution
	FACS	10 µl / 100 µl of whole blood or 10 ⁶ cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

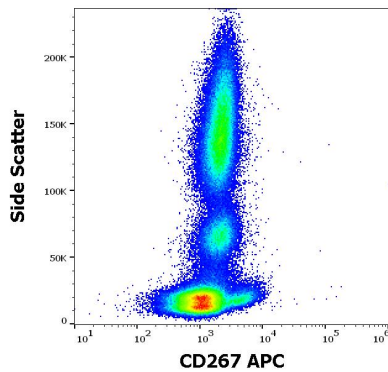
Properties

Form	Liquid
Purification	Purified
Buffer	PBS and 15 mM Sodium azide.
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

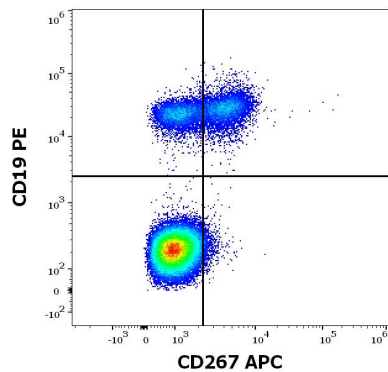
Gene Symbol	TNFRSF13B
Gene Full Name	tumor necrosis factor receptor superfamily, member 13B
Background	The protein encoded by this gene is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein induces activation of the transcription factors NFAT, AP1, and NF-kappa-B and plays a crucial role in humoral immunity by interacting with a TNF ligand. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. [UniProt]
Calculated Mw	32 kDa
Cellular Localization	Membrane; Single-pass type III membrane protein. [UniProt]

Images



ARG42421 anti-CD267 / TACI antibody [1A1] (APC) FACS image

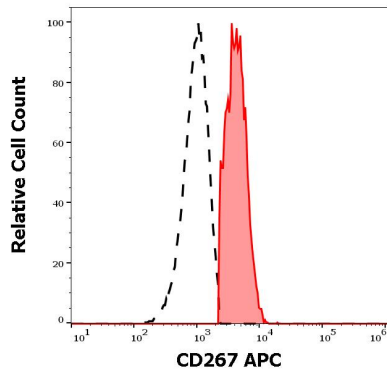
Flow Cytometry: Human peripheral whole blood stained with ARG42421 anti-CD267 / TACI antibody [1A1] (APC) at 10 μ l / 100 μ l of peripheral whole blood.



ARG42421 anti-CD267 / TACI antibody [1A1] (APC) FACS image

Flow Cytometry: Human lymphocytes stained with ARG42421 anti-CD267 / TACI antibody [1A1] (APC) at 10 μ l / 100 μ l of peripheral whole blood and co-stained with [ARG53783](#) anti-CD19 antibody [LT19] (PE) at 20 μ l / 100 μ l of peripheral whole blood.

ARG42421 anti-CD267 / TACI antibody [1A1] (APC) FACS image



Flow Cytometry: Separation of Human CD267 positive CD19 positive lymphocytes (red-filled) from Human CD267 negative CD19 negative lymphocytes (black-dashed). Human peripheral whole blood stained with ARG42421 anti-CD267 / TACI antibody [1A1] (APC) at 10 μ l / 100 μ l of peripheral whole blood.