

30-1081: Anti-CD267 / TACI Monoclonal Antibody (Clone:1A1)

Clonality :	Monoclonal
Clone Name :	1A1
Application :	FACS
Reactivity :	Human
Gene :	TNFRSF13B
Gene ID :	23495
Uniprot ID :	O14836
Format :	Purified
Alternative Name :	TNFRSF13B,TACI
Isotype :	Rat IgG2a
Immunogen Information :	CD267-transfected RBL cells

Description

CD267 / TACI (Transmembrane Activator Calcium modulator and cyclophilin ligand Interactor), a TNFR superfamily transmembrane protein, is expressed on B cells (predominantly on CD27+ memory cells), multiple myeloma cells and B cell chronic lymphocytic leukemia (B-CLL). Its triggering leads to activation of the transcription factors NFAT, AP1, and NF-kappa-B. It plays a crucial role in humoral immunity. Mutations in CD267 are associated with common variable immunodeficiency and IgA deficiency.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

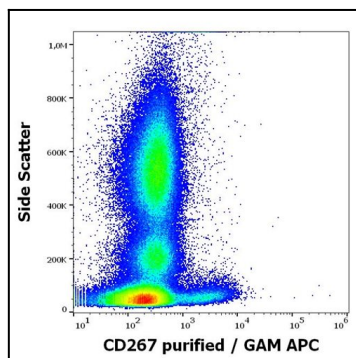


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD267 (1A1) purified antibody (concentration in sample 3 µg/ml) GAM APC.

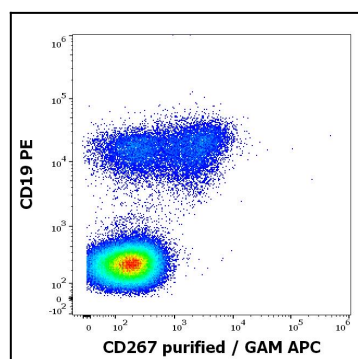


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD19 (LT19) PE antibody (20 µl reagent / 100 µl of peripheral whole blood) and anti-human CD267 (1A1) purified antibody (concentration in sample 3 µg/ml) GAM APC.

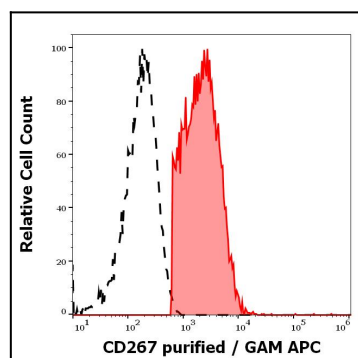


Figure 3: Separation of human CD267 positive CD19 positive B cells (red-filled) from CD267 negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD267 (1A1) purified antibody (concentration in sample 3 µg/ml) GAM APC.