

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1A1
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNFRSF13B
<b>Gene ID :</b>	23495
<b>Uniprot ID :</b>	O14836
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TNFRSF13B,TACI
<b>Isotype :</b>	Rat IgG2a
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-G affinity chromatography followed by size-exclusion chromatography.
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

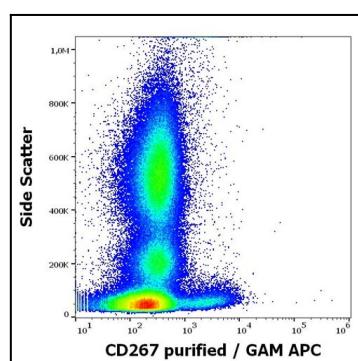


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD267 (1A1) purified antibody (concentration in sample 3 µg/ml) GAM APC.

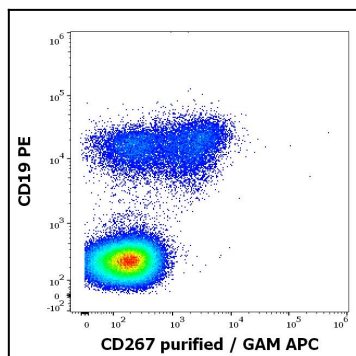


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD19 (LT19) PE antibody (20  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood) and anti-human CD267 (1A1) purified antibody (concentration in sample 3  $\mu$ g/ml) GAM APC.

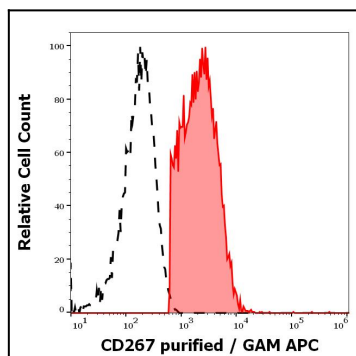


Figure 3: Separation of human CD267 positive CD19 positive B cells (red-filled) from CD267 negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD267 (1A1) purified antibody (concentration in sample 3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