

11-162-C025

Monoclonal Antibody to CD267 / TACI Purified Antibody (0.025 mg)

Clone:	1A1
Isotype:	Rat IgG2a
Specificity:	The rat monoclonal antibody 1A1 recognizes CD267 / TACI, a 32 kDa type III transmembrane protein expressed by B cells and possibly by some activated T cells. HLDA 8 Workshop
Regulatory Status:	RUO
Immunogen:	CD267-transfected RBL cells
Species Reactivity:	Human
Application:	Flow Cytometry
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
Background:	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.
References:	*Koarada S, Tada Y, Suematsu R, Soejima S, Inoue H, Ohta A, Nagasawa K: Phenotyping of P105-negative B cell subsets in patients with systemic lupus erythematosus. Clin Dev Immunol. 2012;2012:198206.

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