



1P-162-T100

Monoclonal Antibody to CD267 / TACI Phycoerythrin (PE) conjugated (100 tests)

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
Preparation:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Storage Buffer:	The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Usage:	The reagent is designed for Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
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.

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO's term and conditions which are available at www.exbio.cz.

For laboratory research only, not for drug, diagnostic or other use.

EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz