

APC anti-mouse CD256 (APRIL) Antibody

Catalog# / Size	136705 / 25 µg
Clone	A3D8
Regulatory Status	RUO
Other Names	TNFSF13, TALL2, TRDL1
Isotype	Armenian Hamster IgG1, κ
Description	CD256 (APRIL, TNFSF13, TALL2, TRDL1) a transmembranal protein of 26 kD, forms a homotrimeric molecule that is cleaved from the cell surface resulting in the soluble form of APRIL; it also forms heterotrimers with BLYS. Its receptor are TNFRSF13b/TACI and TNFRSF17/BCMA. Expressed by T cells, B cells, dendritic cells, monocytes, and macrophages, APRIL induces proliferation of T and B cells, promotes IgA class switching, downregulates T-cell dependent antibody responses, and regulates the growth of a variety of tumor cells.

Product Details

Verified Reactivity	Mouse, Human
Antibody Type	Monoclonal
Host Species	Armenian Hamster
Immunogen	Fusion protein of murine Maltose binding protein (MBP) and soluble April
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions.
Concentration	0.2 mg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	ICFC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by intracellular flow cytometry using our True-Nuclear™ Transcription Factor Staining Protocol. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance in each application.
Excitation Laser	Red Laser (633 nm)
RRID	AB_3698912 (BioLegend Cat. No. 136705)

Antigen Details

Structure	Transmembranal protein of 26 kD, forms a homotrimer that is cleaved from the cell surface resulting in the soluble form. forms heterotrimers with BLYS
Distribution	T cells, B cells, dendritic cells, monocytes, and macrophages
Function	Induces proliferation of T and B cells, promotes IgA class switching and downregulates T-cell dependent antibody responses, regulates the growth of a variety of tumor cells.
Ligand/Receptor	TNFRSF13b/TACI, TNFRSF17/BCMA

Bioactivity	Proliferation, apoptosis inhibition, IgA class switch.
Cell Type	B cells, Dendritic cells, Macrophages, Monocytes, T cells
Biology Area	Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Signal Transduction
Molecular Family	Cytokines/Chemokines
Antigen References	<ol style="list-style-type: none"> 1. Belnoue E, <i>et al.</i> 2008 <i>Blood</i> 111:2755. 2. Xie P, <i>et al.</i> 2007. <i>Immunity</i> 27:253. 3. Mohr E, <i>et al.</i> 2009. <i>J. Immunol.</i> 182:2113. 4. Tezuka H, <i>et al.</i> 2007. <i>Nature</i> 448:92. 5. Benson MJ, <i>et al.</i> 2008. <i>J. Immunol.</i> 180:3655.
Gene ID	69583

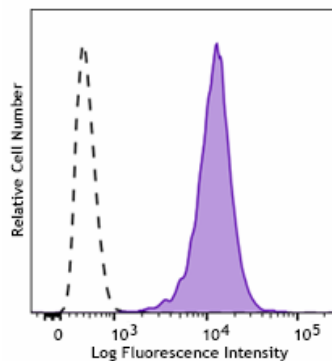
Related Protocols

- [True-Nuclear™ Transcription Factor Staining Protocol for 96-Well U Bottom Plate](#)
- [True-Nuclear™ Transcription Factor Staining Protocol for 5mL Tubes](#)

Other Formats

Purified anti-mouse CD256 (APRIL), PE anti-mouse CD256 (APRIL), APC anti-mouse CD256 (APRIL) Antibody

Product Data



Murine lymphoblastic EL4 cells were fixed, permeabilized with the Cyto-Fast™ Fix/Perm Buffer Set (Cat. No. 426803) and intracellularly stained with anti-mouse CD256 (APRIL) (clone A3D8) APC (filled histogram) or Armenian hamster IgG1 APC isotype control (open histogram).

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