

Product Data Sheet

PE anti-mouse CD256 (APRIL)

Catalog # / Size: 136703 / 50 µg
136704 / 200 µg

Clone: A3D8

Isotype: Armenian Hamster IgG1, κ

Immunogen: Fusion protein of murine Maltose binding protein (MBP) and soluble April

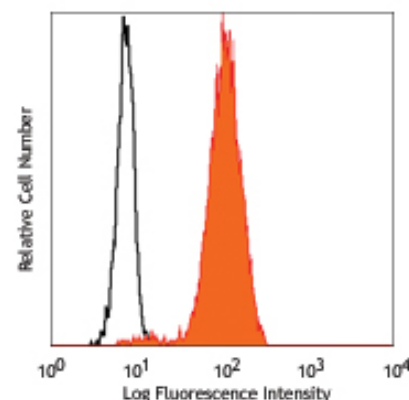
Reactivity: Mouse, **Cross-Reactivity:** Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Intracellular staining of the murine lymphoblastic cell line EL4 (black open histogram) and EL-4 cells transfected with mouse APRIL (orange filled) with A3D8 PE.

Applications:

Applications: ICFC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.06 µg per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD256 (APRIL, TNFSF13, TALL2, TRDL1) a transmembrane 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 receptors 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.

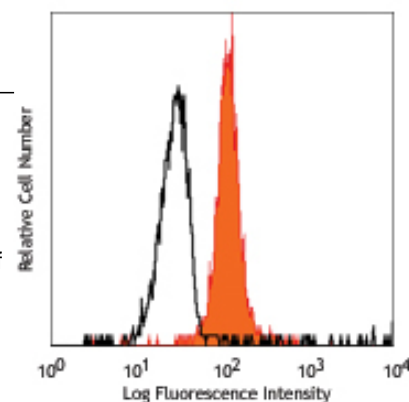
- Antigen References:**
1. Belhoue E, *et al.* 2008 *Blood* 111:2755.
 2. Xie P, *et al.* 2007. *Immunity* 27:253.
 3. Mohr E, *et al.* 2009. *J. Immunol.* 182:2113.
 4. Tezuka H, *et al.* 2007. *Nature* 448:92.
 5. Benson MJ, *et al.* 2008. *J. Immunol.* 180:3655.

Related Products:

Product	Clone
PE Armenian Hamster IgG Isotype Ctrl	HTK888
Cell Staining Buffer	
RBC Lysis Buffer (10X)	
TruStain fcX™ (anti-mouse CD16/32)	93

Application

FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC



Intracellular staining of the murine macrophage like cell line P388D1 with A3D8 PE



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