

**Purified anti-mouse CD256 (APRIL)**

**Catalog # / Size:** 1283510 / 500 µg

**Clone:** A3D8

**Isotype:** Armenian Hamster IgG1, ?

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

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography.

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

**Concentration:** 0.5

**Applications:**

**Applications:** Other

**Recommended Usage:** Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

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**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.

**Antigen References:**

1. Belnoue 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: