

Product Data Sheet

Biotin anti-mouse DLL1

Catalog # / Size: 128304 / 500 µg

Clone: HMD1-3

Isotype: Armenian Hamster IgG

Immunogen: CHO cells expressing murine Dll 1

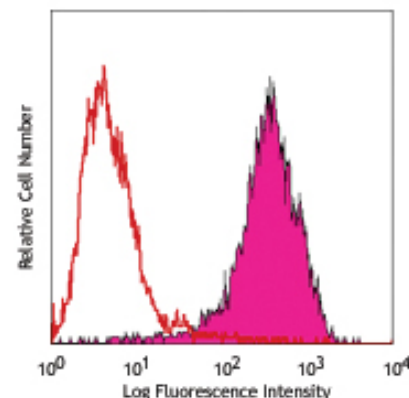
Reactivity: Mouse

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

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

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. **Do not freeze.**



FD1/CHO transfected cells stained with HMD1-3 biotin, followed by Sav-PE

Applications:

Applications: FC- *Quality tested*
 IHC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg/test for FC. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Moriyama Y, *et al.* 2008. *Int. Immunol.* 20:763.
 2. Cherrier M, *et al.* 2012. *J Exp Med.* PubMed.

Description: The Notch receptors and their ligands are highly conserved from invertebrates to mammals. The Delta-like 1 (DLL1) is one of the four or five Notch ligands identified. The binding to Notch receptor results in the proteolysis of Notch and movement of intracellular portion of Notch into the nucleus. This translocation triggers a series of signaling process. Delta-like 1 is reported to be essential for the maintenance of marginal zone B cells in normal mice, and engagement of Notch 1 by DLL1 promotes differentiation of B lymphocytes to antibody-secreting cells.

Antigen References: 1. Ehebauer MT, *et al.* 2006. *Biochem. J.* 392:13.
 2. Shimizu K, *et al.* 2000. *Mol. Cell. Biology* 20:18.
 3. Parks AL, *et al.* 2006. *Genetics* 174:1947.
 4. Santos MA, *et al.* 2007. *P. Natl. Acad. Sci. USA* 104:15454.

Related Products:

Product

Cell Staining Buffer

RBC Lysis Buffer (10X)

Biotin Armenian Hamster IgG Isotype Ctrl

TruStain fcX™ (anti-mouse CD16/32)

Clone

HTK888

93

Application

FC, ICC, ICFC

FC, ICFC

FC, ICFC

FC



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