BioLegend
The path to legendary discovery™

Product Data Sheet

Purified anti-mouse DLL1

Catalog # / Size: 128301 / 50 µg
128302 / 500 µg

Clone: HMD1-3

Isotype: Armenian Hamster IgG

Immunogen: CHO cells expressing murine Dll 1

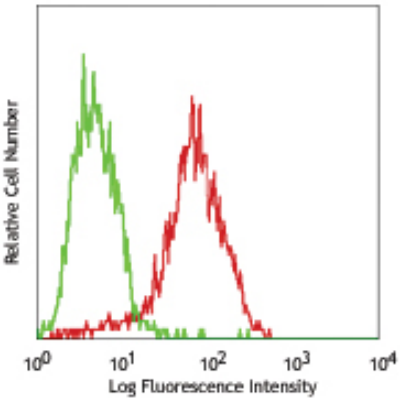
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Concentration: 0.5 mg/ml

Storage: Store undiluted at 4°C. Do not freeze.



FD1/CHO (mouse DLL1 transfected cel l line) stained with purified HMD1-3, followed by anti-Armenian hamster IgG 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 ≤0.25 µg per million cells in 100 µl volume. 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.

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	Clone	Application
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
Purified Armenian Hamster IgG Isotype Ctrl	HTK888	FC, ICC, ICFC, IF, IP, WB

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