

Purified anti-mouse Notch 4

Catalog # / Size: 128402 / 500 µg

Clone: HMN4-14

Isotype: Armenian Hamster IgG

Immunogen: Notch4-Fc recombinant protein

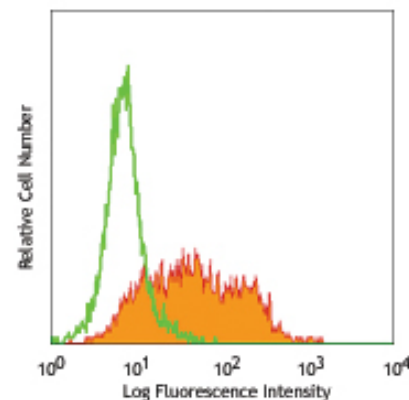
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

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.



FN4/CHO cells (mouse Notch-4 transfected cells) stained with purified HMN4-14, 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 ≤ 1.0 µg/test. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Moriyama Y, *et al.* 2008. *Int J. 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 Dll 1 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. Tanigaki K, *et al.* 2007. *Nature immunol.* 8:451.

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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