

## PE anti-mouse Notch 4

**Catalog # / Size:** 128407 / 50 µg  
128408 / 200 µg

**Clone:** HMN4-14

**Isotype:** Armenian Hamster IgG

**Immunogen:** Notch4-Fc recombinant protein

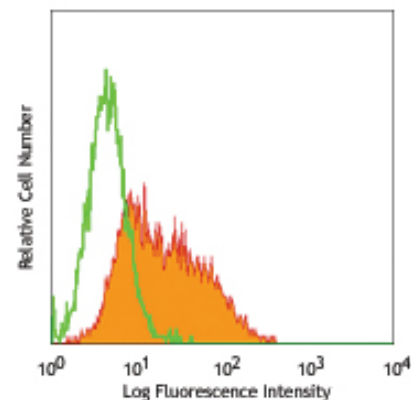
**Reactivity:** Mouse

**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.**



FN4/CHO (mouse Notch-4 transfected) cells stained with HMN4-14 PE

## Applications:

**Applications:** FC - Quality tested

**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. *Intl J. Immunol.* 20:763.  
2. Yan Q, *et al.* 2010. *Am. J Pathol* 176:2921. 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 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**  
Cell Staining Buffer  
RBC Lysis Buffer (10X)  
PE 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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