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**Product name:** Anti-Human Notch3 Monoclonal Antibody(PE  
Conjugated)

**Catalog:** DL21926F

**Synonyms:** NOTCH3, Notch 3, Notch 3 extracellular  
truncation, Notch 3 intracellular domain

**Background:** The Notch receptors are highly conserved from invertebrates to mammals. While Notch 1 and Notch 2 exhibit the highest structural similarity among the four mammalian Notch receptors. Notch 3 has a number of structural and functional differences. The binding of Notch 3 to its ligands results in the proteolysis of Notch and movement of intracellular portions of Notch into the nucleus. This translocation triggers a series of signaling processes. Notch 3 is

primarily expressed in adult arterial smooth muscle cells. Notch3 gene mutation can cause CADASIL, a hereditary early stroke syndrome.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:** 20 Tests/50 Tests/100 Tests/200 Tests

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** PE

**SwissProt:** Q9UM47

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.