

## NOTCH1 (M2011R)

**Catalog Number:** 26444

**Gene Symbol:** NOTCH1, AOS5, AOVD1, TAN1, hN1

**Description:** Anti-NOTCH1 (M2011R) Mouse Monoclonal Antibody

**Background:** NOTCH1 is a human gene encoding a single-pass transmembrane receptor. It is a member of the NOTCH family. NOTCH family members play a role in a variety of developmental processes by controlling cell fate decisions. Diseases associated with NOTCH1 include aortic valve disease 1 and adams-oliver syndrome 5, and so on. An important paralog of this gene is NOTCH2.

**Tested applications:** ELISA, WB, IF, IHC

**Recommended dilutions:**

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IHC: 1:50-1:100

**Concentration:** 1 mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Purity:** Purified from ascites

**Format:** Liquid

**Storage buffer:**

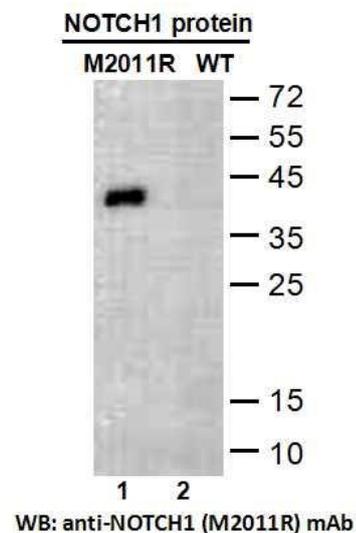
Preservative: no

Constituents: PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Recognizes M2011R mutant, but not wild-type NOTCH1 of vertebrates.

**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid freeze / thaw cycles.

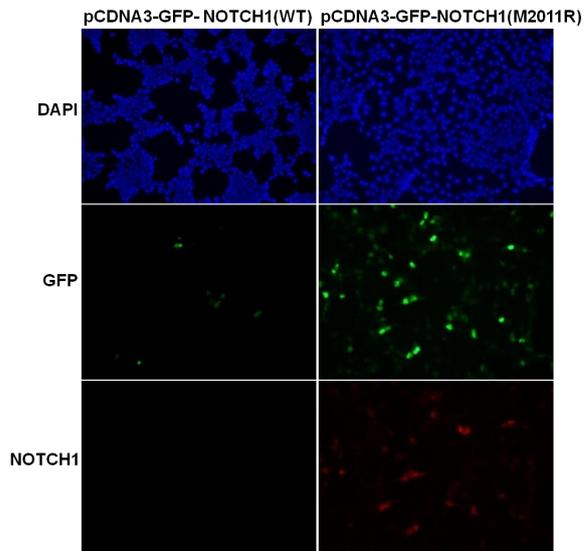
### Western blot:



### Western blot analysis of recombinant NOTCH1 (M2011R) and wildtype proteins.

Purified His-tagged NOTCH1 (M2011R) protein (lane1) and corresponding wild-type protein (lane2) were blotted with anti-NOTCH1 (M2011R) monoclonal antibody (Cat. #26444).

**Immunofluorescence:**



**Immunofluorescence of cells expressing NOTCH1 proteins with anti-NOTCH1 (M2011R) antibody.** HEK293T cells were transfected with pCDNA3-GFP-NOTCH1 (WT) plasmid (left column) or pCDNA3-GFP-NOTCH1 (M2011R) plasmid (right column), then fixed and stained with anti-NOTCH1 (M2011R) monoclonal antibody (Cat. #26444).