

Recombinant

DGRmAb®

## Notch1 (DGR12951) Rabbit mAb

db14172

Package : 10µL 20µL 50µL 100µL

**Product Name** : Notch1 (DGR12951) Rabbit mAb**Cat.No.:** db14172**Synonyms** : hN1; AOS5; TAN1; AOVD1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

This gene encodes a member of the NOTCH family of proteins. Members of this Type I transmembrane protein family share structural characteristics including an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple different domain types. Notch signaling is an evolutionarily conserved intercellular signaling pathway that regulates interactions between physically adjacent cells through binding of Notch family receptors to their cognate ligands. The encoded preproprotein is proteolytically processed in the trans-Golgi network to generate two polypeptide chains that heterodimerize to form the mature cell-surface receptor. This receptor plays a role in the development of numerous cell and tissue types. Mutations in this gene are associated with aortic valve disease, Adams-Oliver syndrome, T-cell acute lymphoblastic leukemia, chronic lymphocytic leukemia, and head and neck squamous cell carcinoma. [provided by RefSeq, Jan 2016]

**Immunogen**

A synthetic peptide of human Notch1

**Gene ID**

4851

**Swiss Prot**

P46531

**Synonyms**

hN1; AOS5; TAN1; AOVD1

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:100-1:200

**Calculated MW**

273 kDa

**Observed MW**

120 kDa

|                          |   |
|--------------------------|---|
| <b>Host species</b>      | Rabbit  |
| <b>Clonality</b>         | Monoclonal  |
| <b>Clonality No.</b>     | DGR12951  |
| <b>Isotype</b>           | IgG   |
| <b>Purity</b>            | Affinity Purification   |
| <b>Conjugation</b>       | Un-conjugated   |
| <b>Storage Stability</b> | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |

Western blot analysis of extracts from HeLa, MCF-7 cells using db14172 at 1:1000.

