



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### NOTCH 1 recombinant monoclonal antibody, clone E6

**Catalog Number:** RAB03722

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse recombinant monoclonal antibody raised against a fusion protein consisting of EGF domains 1–12 of murine Notch1 fused to a human Fc domain and binds to to the NRR of mouse Notch1.

**Clone Name:** E6

**Immunogen:** Original antibody is raised against recombinant protein corresponding to a fusion protein consisting of EGF domains 1–12 of murine Notch1 fused to a human Fc domain and binds to to the NRR of mouse Notch1

**Antibody Species:** Mouse

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** Unconjugated

**Concentration:** batch dependent

**Isotype:** IgG1 lambda

**Recommend Usage:** ELISA

Immunohistochemistry

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS with 0.02% Proclin 300

**Storage Instruction:** Store at 4°C for up to 3 months.

For longer storage, aliquot and store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4851

**Gene Symbol:** NOTCH1

**Gene Alias:** TAN1, hN1

**Gene Summary:** This gene encodes a member of the Notch family. Members of this Type 1 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 family members play a role in a variety of developmental processes by controlling cell fate decisions. The Notch signaling network is an evolutionarily conserved intercellular signaling pathway which regulates interactions between physically adjacent cells. In *Drosophila*, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signaling pathway that plays a key role in development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remain to be determined. This protein is cleaved in the trans-Golgi network, and presented on the cell surface as a heterodimer. This protein functions as a receptor for membrane bound ligands, and may play multiple roles during development. [provided by RefSeq]