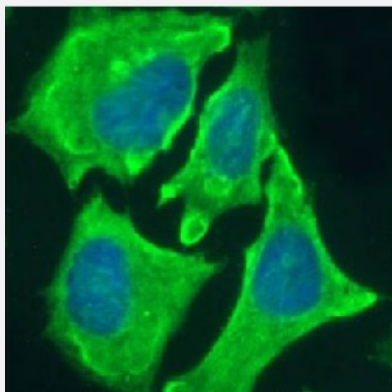


RecomAb™

# NOTCH 1 recombinant monoclonal antibody, clone E6

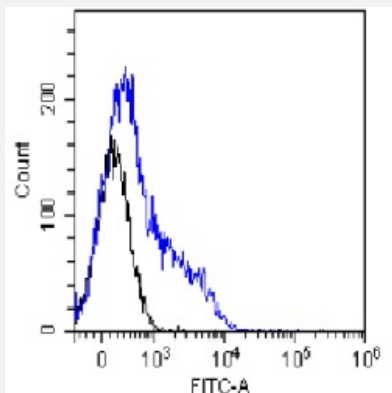
Catalog # RAB03723      Size 200 ug

## Applications



### Immunofluorescence

Immunofluorescence analysis of NOTCH1 (green) in HeLa cell lysates using anti-Notch 1 recombinant monoclonal antibody, clone E6 (Cat # RAB02796), and DAPI(blue).



### Flow Cytometry

Flow-cytometry analysis of NOTCH1 in Mouse thymocytes lysates using anti-Notch 1 recombinant monoclonal antibody, clone E6 (Cat # RAB02796).

## Specification

<b>Product Description</b>	Rabbit 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.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	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

Reactivity	Human, Mouse
Form	Liquid
Conjugation	Unconjugated
Concentration	batch dependent
Isotype	IgG lambda
Recommend Usage	ELISA Flow cytometry Immunofluorescence 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.

## Applications

- Immunohistochemistry

- Immunofluorescence

Immunofluorescence analysis of NOTCH1 (green) in HeLa cell lysates using anti-Notch 1 recombinant monoclonal antibody, clone E6 (Cat # RAB02796), and DAPI(blue).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow-cytometry analysis of NOTCH1 in Mouse thymocytes lysates using anti-Notch 1 recombinant monoclonal antibody, clone E6 (Cat # RAB02796).

## Gene Info — NOTCH1

Entrez GeneID	<a href="#">4851</a>
Protein Accession#	<a href="#">P46531(human)&lt;br&gt;Q01705(mouse)</a>
Gene Name	NOTCH1
Gene Alias	TAN1, hN1

Gene Description	Notch homolog 1, translocation-associated (Drosophila)
Omim ID	<a href="#">109730 190198</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 homologue 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]</p>
Other Designations	OTTHUMP00000022594 neurogenic locus notch homolog protein 1 notch1 translocation-associated notch protein TAN-1

## Pathway

- [Dorso-ventral axis formation](#)
- [Notch signaling pathway](#)
- [Prion diseases](#)

## Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)

- [Multiple Myeloma](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precursor T-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Schizophrenia](#)