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Notch-2, mouse recombinant protein

Neurogenic Locus Notch Homolog Protein 2; Notch B

Catalog # PBV11142r

Specification

Notch-2, mouse recombinant protein - Product info

Primary Accession	O35516
Calculated MW	**~87.0 kDa. The extracellular domain of mouse Notch-2 (aa 26-494) (12 epidermal growth factor-like (EGF) repeats) is fused at the C-terminus to the Fc portion of human IgG1. KDa**

Notch-2, mouse recombinant protein - Additional Info

Gene ID	**18129**
Gene Symbol	**NOTCH2**

Other Names
Neurogenic Locus Notch Homolog Protein 2; Notch B

Gene Source	**Mouse**
Source	**CHO cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**

Target/Specificity
Notch-2

Application Notes
Reconstitute with sterile water to 1 mg/ml.

Format
Lyophilized

Storage
-20°C; Lyophilized with PBS

Notch-2, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Notch-2, mouse recombinant protein - Images

Notch-2, mouse recombinant protein - Background

Notch signaling pathway regulates many different cell fate decisions in both vertebrate and invertebrate species. There are 5 canonical Notch ligands in mammals: Jagged-1, Jagged-2, DLL1, DLL3 and DLL4. These can bind to the four Notch receptors Notch 1-4. It is important for pattern formation during development such as neurogenesis, angiogenesis or myogenesis and regulates T cell development and stem cell maintenance. Notch signaling is also involved in cellular processes through-out adulthood. Signaling via Notch occurs between neighbouring cells and both the receptor and its ligands are transmembrane proteins.

Notch-2, mouse recombinant protein - References

Hamada Y.,et al.Submitted (JUL-1994) to the EMBL/GenBank/DDBJ databases.
Lardelli M.,et al.Exp. Cell Res. 204:364-372(1993).
Milner L.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:13014-13019(1996).
Hamada Y.,et al.Development 126:3415-3424(1999).
Higuchi M.,et al.Brain Res. Mol. Brain Res. 29:263-272(1995).