



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

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

035516

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 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).