

Anti-NOTCH3 Reference Antibody (tarextumab) Recombinant Antibody

Catalog # APR10410

Specification

Anti-NOTCH3 Reference Antibody (tarextumab) - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW FC, E, FTA <u>Q9UM47</u> Human, Mouse Monoclonal IgG2SA 145 KDa

Anti-NOTCH3 Reference Antibody (tarextumab) - Additional Information

Target/Specificity NOTCH3

Endotoxin < 0.001EU/ μg,determined by LAL method.

Conjugation Unconjugated

Expression system CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-NOTCH3 Reference Antibody (tarextumab) - Protein Information

Name NOTCH3

Function

Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination (PubMed:15350543). Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity).

Cellular Location Cell membrane; Single-pass type I membrane protein

Tissue Location Ubiquitously expressed in fetal and adult tissues.

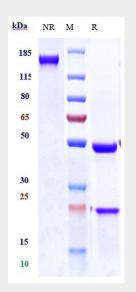


Anti-NOTCH3 Reference Antibody (tarextumab) - Protocols

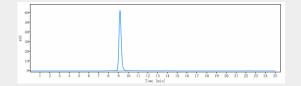
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-NOTCH3 Reference Antibody (tarextumab) - Images



Anti-NOTCH3 Reference Antibody (tarextumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-NOTCH3 Reference Antibody (tarextumab)is more than 99.3% ,determined by SEC-HPLC.