

Product Datasheet

Anti-Notch1 Antibody FL550 Conjugate



Overview

Catalog #	75-295-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N253/32
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 20-216 (extracellular N-terminus, EGF-like domains 1-5) of mouse Notch1 (accession number Q01705) produced recombinantly in E. Coli
Molecular Weight	>270 kDa, ~120 kDa and smaller fragments (due to proteolysis)
Cite this Antibody	Antibodies Inc Cat# 75-295-FL550, RRID: AB_2940037

Details

Target Description	Notch Receptor 1 is encoded by the gene NOTCH1. NOTCH1 is a member of the NOTCH family. NOTCH1 is involved in processes related to cell fate specification, differentiation, proliferation, and survival. NOTCH1 is highly expressed in the brain, lungs, and thymus. Diseases associated with NOTCH1 include Aortic Valve Disease 1 and Adams-Oliver Syndrome 5.
Specificity	Does not cross-react with Notch2 or Notch3
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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