

Datasheet for ABIN2658199
anti-JAG1 antibody (APC)



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2 Images

Overview

Quantity:	100 µg
Target:	JAG1
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This JAG1 antibody is conjugated to APC
Application:	Cytometry by Time of Flight (CyTOF), ELISA (Capture)

Product Details

Clone:	HMJ1-29
Isotype:	IgG
Purification:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Target Details

Target:	JAG1
Alternative Name:	CD339 (JAG1 Products)
Background:	CD339, also known as Jagged 1, is a 135 kD type 1 transmembrane protein, with one DSL (Delta, Serrate, LagZ) domain, fifteen EGF-like domains, and one cysteine-rich region. Jagged 1 is expressed by many cell types including macrophages, subsets of dendritic cells, astrocytes, stromal, and epithelial cells. CD339 regulates cell fate decisions in various tissues, and has an

Target Details

important role in neurogenesis and development of the cardiovascular system. Studies suggest Jagged 1 is involved in Th2 polarization and Treg induction.

Pathways: [Notch Signaling](#), [Stem Cell Maintenance](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.2 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

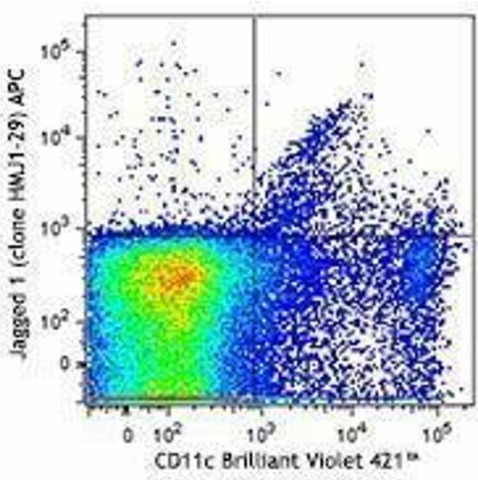
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

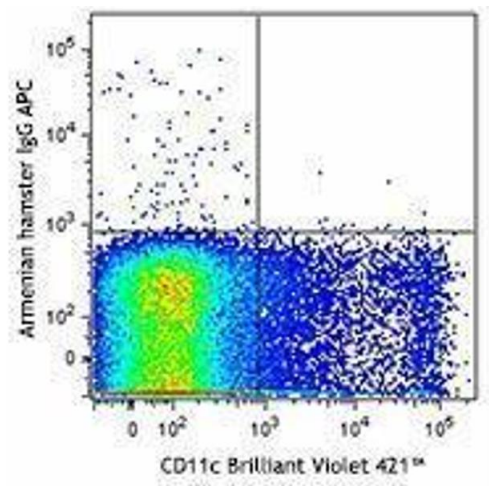
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.