

For Research Use Only

FcZero-rAb® Biotin Anti-Human Jagged1/CD339 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98243



Basic Information

Catalog Number: Biotin-FcA98243	GenBank Accession Number: BC098393	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 182	CloneNo.: 241412A6
Source: Rabbit	UNIPROT ID: P78504	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: jagged 1 (Alagille syndrome)	Excitation/Emission maxima wavelengths: -
	Calculated MW: 1218 aa, 134 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : Transfected HEK-293T cells,
Species Specificity: human	

Background Information

Jagged1 (JAG1), also known as CD339, is a type I, membrane-anchored, multi-domain protein and a ligand of the Notch receptor (PMID: 15358557). Jagged1 is composed of a relatively small intracellular domain, a transmembrane domain, and a larger extracellular component containing a cysteine-rich region, 16 EGF-like repeats, a DSL domain, and a signal peptide (PMID: 15358557; 26548814). It is widely expressed throughout mammalian development, across many tissues and developmental stages (PMID: 26548814). The Jagged1-NOTCH interaction can trigger the Notch signaling and activate transcription factors that play key roles in cell differentiation and morphogenesis.

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

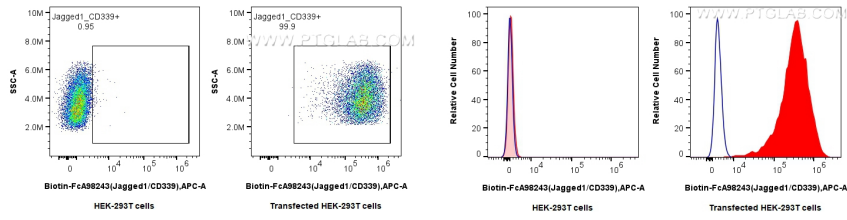
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Selected Validation Data



1x10⁶ HEK-293T cells or Jagged1/CD339 transfected HEK-293T cells were surface stained with 0.25 ug Biotin Anti-Human Jagged1/CD339 Rabbit RecAb (Biotin-FcA98243, Clone: 241412A6) and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.

1x10⁶ HEK-293T cells or Jagged1/CD339 transfected HEK-293T cells were surface stained with 0.25 ug Biotin Anti-Human Jagged1/CD339 Rabbit RecAb (Biotin-FcA98243, Clone: 241412A6) (red) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.