

Anti-JAG1 / CD339 Reference Antibody (Genentech patent anti-Jagged1)

Catalog # APR11511

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P78504
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	133799

Additional Information

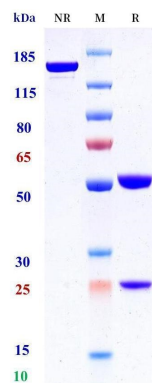
Target/Specificity	JAG1 / CD339
Expression system	CHO

Protein Information

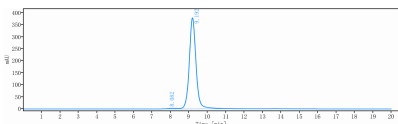
Name	JAG1
Synonyms	JAGL1
Function	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling (PubMed: 18660822 , PubMed: 20437614). May be involved in cell-fate decisions during hematopoiesis (PubMed: 9462510). Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). Enhances fibroblast growth factor-induced angiogenesis (in vitro).
Cellular Location	Membrane; Single-pass type I membrane protein. Cell membrane
Tissue Location	Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells

Images

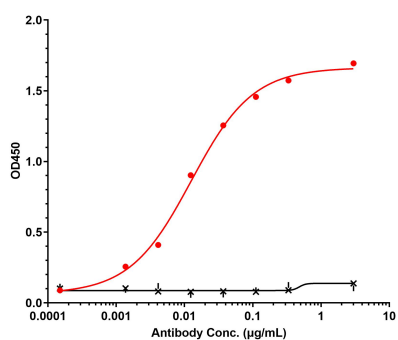
Anti-JAG1 / CD339 Reference Antibody (Genentech patent anti-Jagged1) on SDS-PAGE under reducing (R) condition.



The purity of the protein is greater than 95%.



The purity of Anti-JAG1 / CD339 Reference Antibody (Genentech patent anti-Jagged1) is 98.5%, determined by SEC-HPLC.



Immobilized hu-Jagged1-his, It's target at 2 µg/mL can bind bamlanivimab, EC50= 0.01259 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.