

DATASHEET

CD339 Rabbit Polyclonal Antibody

CAT. NO. APA15943

KEY FEATURES

Target	CD339	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Ligand for multiple Notch receptors and involved in the mediation of Notch signaling . May be involved in cell-fate decisions during hematopoiesis . Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation . Enhances fibroblast growth factor-induced angiogenesis (in vitro).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CD339
Specificity	Recognizes endogenous levels of CD339 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD339. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 116; Observed: 180 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	JAGL1; Protein jagged-1; Jagged1; hJ1; CD339
Gene Symbol	JAG1
Entrez Gene	182(Human); 16449(Mouse); 29146(Rat)
SwissProt	P78504(Human); Q9QXX0(Mouse); Q63722(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

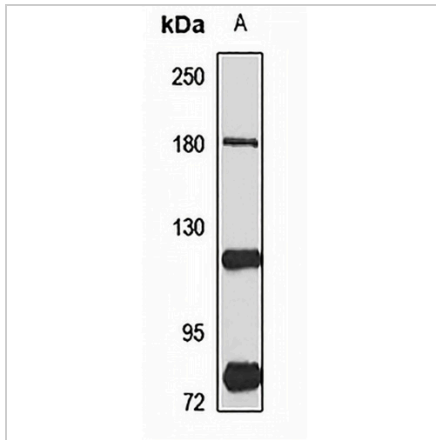
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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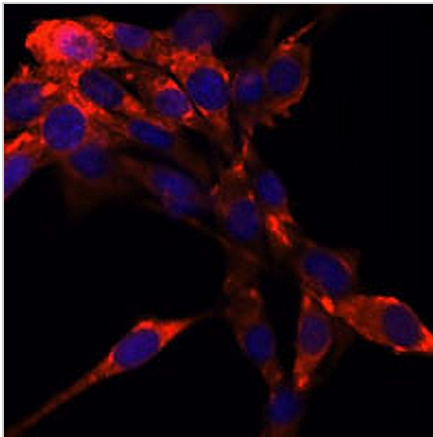
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DATA



Western blot analysis of CD339 expression in HeLa (A) whole cell lysates. (Predicted band size: 116; 133 kD; Observed band size: 180 kD)



Immunofluorescent analysis of CD339 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.