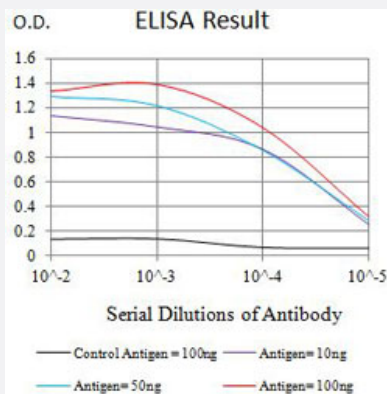


JAG1 monoclonal antibody, clone 7C7E1

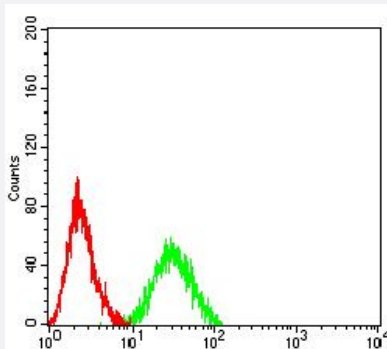
Catalog # MAB21374 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with JAG1 monoclonal antibody, clone 7C7E1 (Cat # MAB21374).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with JAG1 monoclonal antibody, clone 7C7E1 (Cat # MAB21374) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human JAG1.
Immunogen	Recombinant protein corresponding to amino acids 47-212 of human JAG1.
Host	Mouse
Theoretical MW (kDa)	133.8
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with JAG1 monoclonal antibody, clone 7C7E1 (Cat # MAB21374).

- Flow Cytometry

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Gene Info — JAG1

Entrez GeneID	182
Protein Accession#	P78504
Gene Name	JAG1
Gene Alias	AGS, AHD, AWS, CD339, HJ1, JAGL1, MGC104644
Gene Description	jagged 1 (Alagille syndrome)
Omim ID	118450 187500 601920
Gene Ontology	Hyperlink

Gene Summary

The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq]

Other Designations

OTTHUMP00000030278jagged 1

Pathway

- [Notch signaling pathway](#)

Disease

- [Alagille Syndrome](#)
- [Alzheimer disease](#)
- [Brain Diseases](#)
- [CADASIL](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hepatitis C](#)

- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Neuroblastoma](#)
- [Osteoporosis](#)
- [Pulmonary Valve Stenosis](#)
- [Tetralogy of Fallot](#)