

Product datasheet for TA807944

Jagged1 (JAG1) Mouse Monoclonal Antibody [Clone ID: OTI3A10]

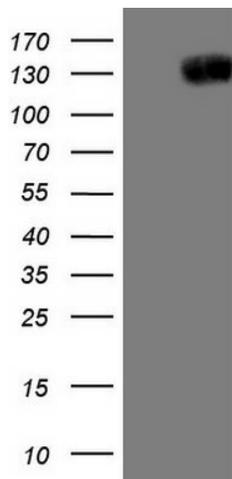
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3A10
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 523-759 of human JAG1(NP_000205) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	133.6 kDa
Gene Name:	jagged 1
Database Link:	NP_000205 Entrez Gene 182 Human
Background:	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, Jul 2008]
Synonyms:	AGS; AHD; AWS; CD339; HJ1; JAGL1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Notch signaling pathway

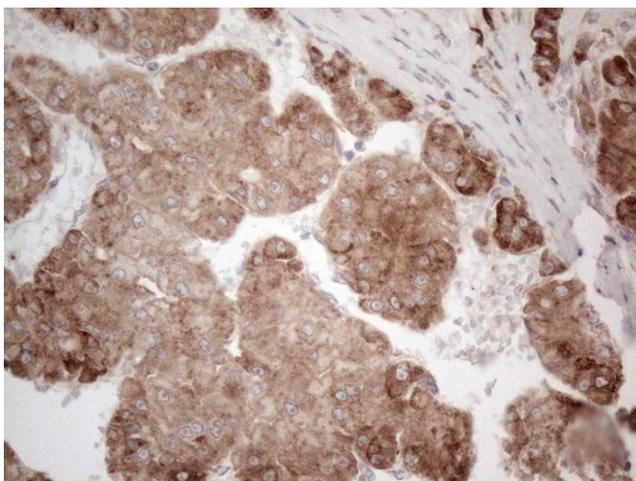


[View online »](#)

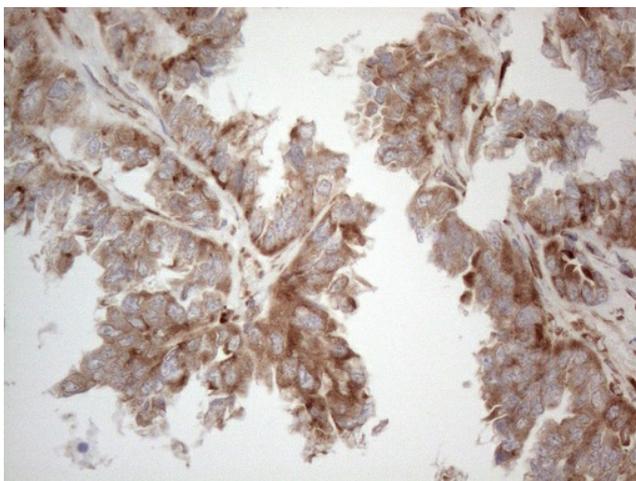
Product images:



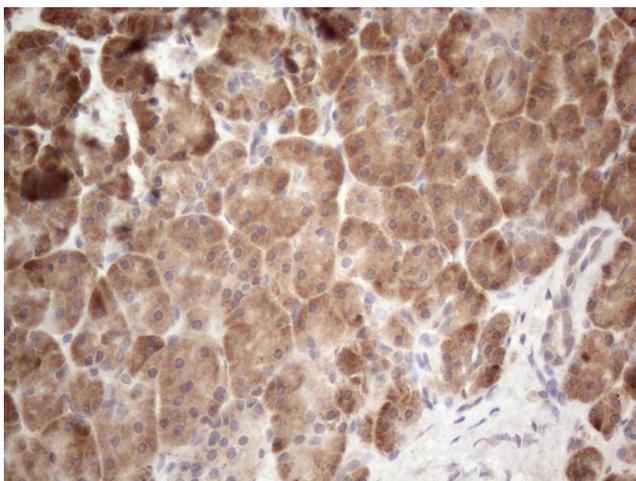
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY JAG1 ([RC210516], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JAG1 (1:2000). Positive lysates [LY400079] (100ug) and [LC400079] (20ug) can be purchased separately from OriGene.



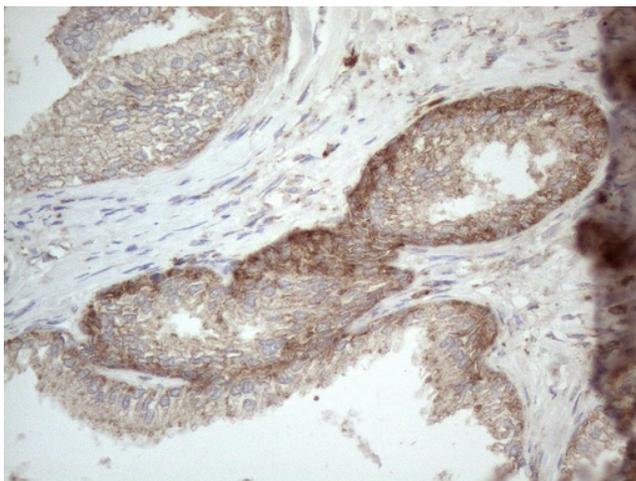
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



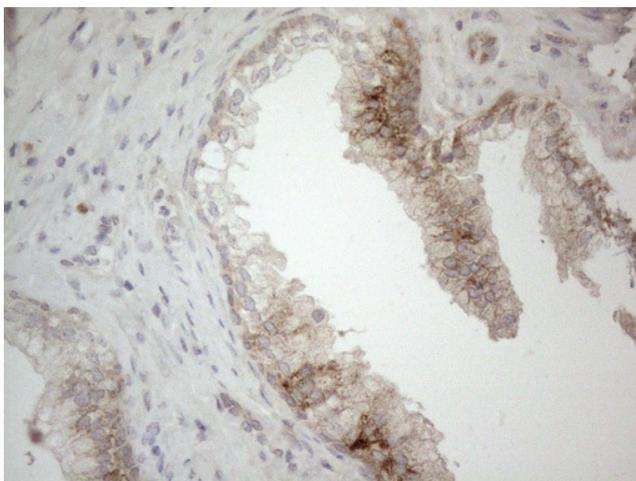
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



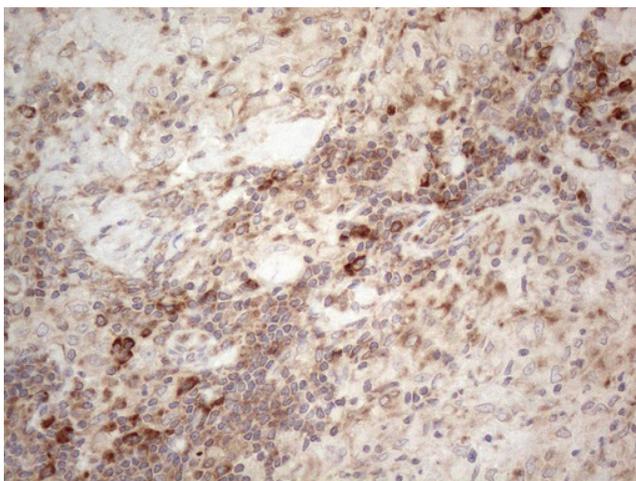
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



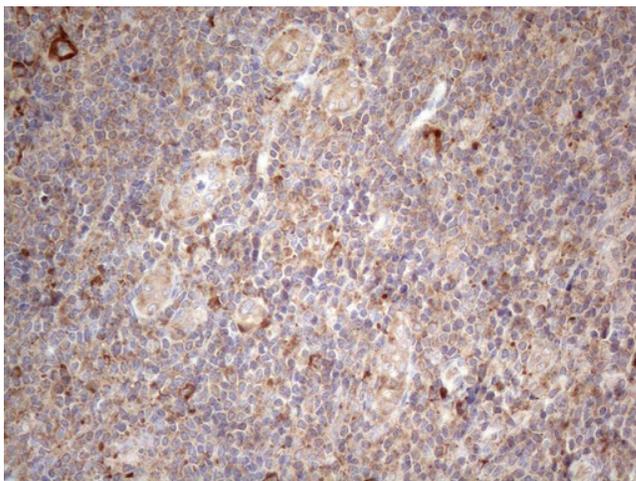
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-JAG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807944) (1:150)