

Datasheet

JAG1 monoclonal antibody (M07), clone 1B7

Catalog Number: H00000182-M07

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant JAG1.

Clone Name: 1B7

Immunogen: JAG1 (NP_000205, 905 a.a. ~ 1014 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

HKGGHSECPGQSCIPILDDQCFVHPCTGVGECRSSL
QPVKTKCTSDSYQDNCANITFTFNKEMMSPGLTTEHI
CSELRNLNILKNVSAEYSIYACEPSPSANNEIHV

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 182

Gene Symbol: JAG1

Gene Alias: AGS, AHD, AWS, CD339, HJ1, JAGL1, MGC104644

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]