

## 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:**

HKGHSECPGSGQSCIPILDDQCFVHPCTGVGECRSSSL  
QPVKTKCTSDSYQDNCANITFTFNKEMMSPGLTTEHI  
CSELRNLNILKNVSAEYSIYIACEPSPSANNEIHV

**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]