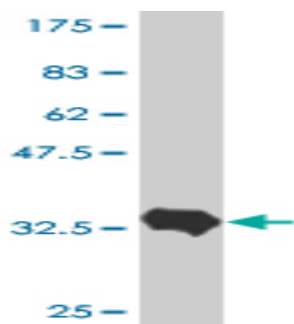


## Mouse Monoclonal antibody to human JAG1 [1E12]

|                          |   |
|--------------------------|---|
| <b>Catalogue No.:</b>    | M-800-200   |
| <b>Description:</b>      | The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for multiple Notch receptors involved in the mediation of Notch signalling. It may be involved in cell-fate decision during hematopoiesis and seems to be involved in early and late stages of mammalian cardiovascular development. JAG1 is a trans membrane protein that is widely expressed in adult and fetal tissues. Mutations that alter the jagged 1 protein cause Alagille syndrome which is an autosomal dominant multisystem disorder. Defects in JAG1 are also the cause of tetralogy of Fallot (TOF) which is a congenital heart anomaly. |
| <b>Batch No.:</b>        | See product label   |
| <b>Unit size:</b>        | 200 uL  |
| <b>Antigen:</b>          | Partial recombinant human JAG1 (amino acids 531-621) with a GST tag   |
| <b>Clone:</b>            | [1E12]  |
| <b>Other Names:</b>      | Protein jagged-1; Jagged 1; hJ1; CD339 antigen; JAG1; JAGL1;  |
| <b>Accession:</b>        | JAG1_HUMAN  |
| <b>Produced in:</b>      | Mouse   |
| <b>Purity:</b>           | Ascites fluid   |
| <b>Applications:</b>     | This antibody is recommended for direct ELISA and WB. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.   |
| <b>Specificity:</b>      | Specificity was demonstrated by WB against the antigen.   |
| <b>Cross-reactivity:</b> | Human. Other species not yet tested.  |
| <b>Form:</b>             | Lyophilised   |
| <b>Reconstitution:</b>   | Reconstitute in 200 uL of sterile water. Centrifuge to remove any insoluble material.   |
| <b>Storage:</b>          | After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.  |
| <b>Expiry Date:</b>      | 12 months after purchase  |



Monoclonal antibody to human JAG1 [1E12], catalogue number M-800-200, detects a band of 35kDa when used for WB detection against the antigen (partial recombinant human JAG1 with the GST tag). Note the GST tag alone has a molecular weight of 26 KDa.

FOR RESEARCH USE ONLY