

## Product Datasheet

### Jagged1 Rabbit Polyclonal Antibody (orb10065)

|                             |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb10065                                                                     |
| <b>Category</b>             | Antibodies                                                                   |
| <b>Description</b>          | Jagged1 Rabbit Polyclonal Antibody                                           |
| <b>Target</b>               | JAG1                                                                         |
| <b>Clonality</b>            | Polyclonal                                                                   |
| <b>Species/Host</b>         | Rabbit                                                                       |
| <b>Isotype</b>              | IgG                                                                          |
| <b>Conjugation</b>          | Unconjugated                                                                 |
| <b>Reactivity</b>           | Human                                                                        |
| <b>Predicted Reactivity</b> | Mouse, Rat                                                                   |
| <b>Form/Appearance</b>      | Liquid                                                                       |
| <b>Concentration</b>        | 1mg/ml                                                                       |
| <b>Buffer/Preservatives</b> | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.       |
| <b>Purification</b>         | Affinity purified by Protein A                                               |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human CD339 (1101-1218/1218aa) |
| <b>UniProt ID</b>           | <b>P78504</b>                                                                |
| <b>RRID</b>                 | AB_10750514                                                                  |

#### Biorbyt Ltd.

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

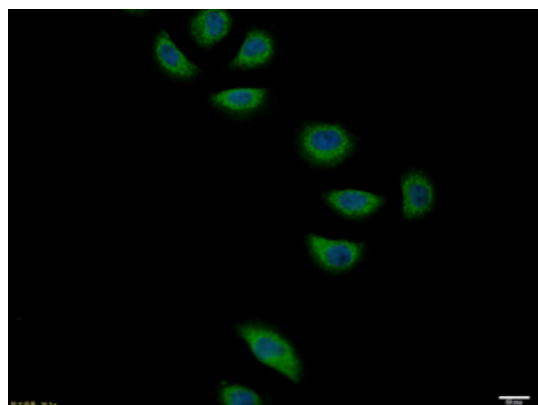
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

#### Biorbyt LLC

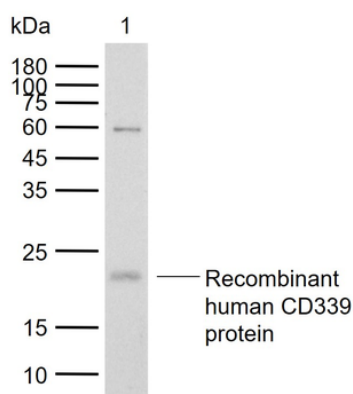
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>MW</b>                  | 134 kDa                                                                                                                                 |
| <b>Tested applications</b> | ICC, IF, IHC-Fr, IHC-P, WB                                                                                                              |
| <b>Dilution range</b>      | WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500                                                         |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                        |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only                                                                                                                   |



HepG2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Jagged1) polyclonal Antibody, Unconjugated (orb10065) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Sample: Lane 1: Recombinant human CD339 protein, N-His, Primary: Anti-Jagged1 (orb10065) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 134 kDa, Observed band size: 22 kDa.

#### **Biorbyt Ltd.**

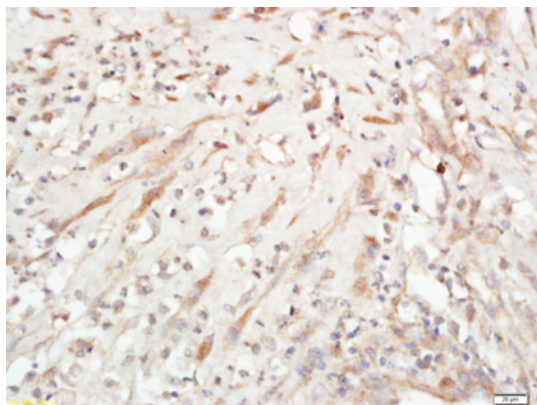
7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

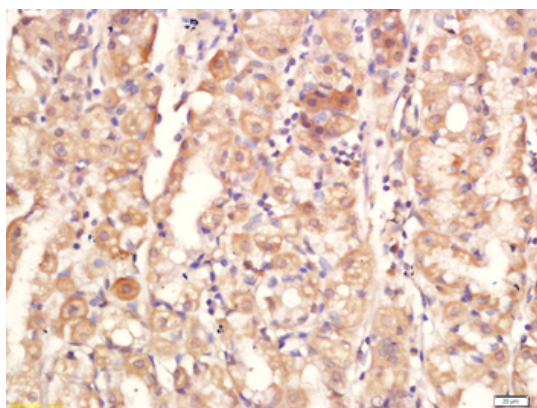
#### **Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Tissue/cell: Human cervical cancer, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Jagged1 Polyclonal Antibody, Unconjugated (orb10065) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/cell: human stomach tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Jagged1 Polyclonal Antibody, Unconjugated (orb10065) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558