

## Product Datasheet

### CD34 monoclonal antibody (M01), clone 5F3 (orb2294810)

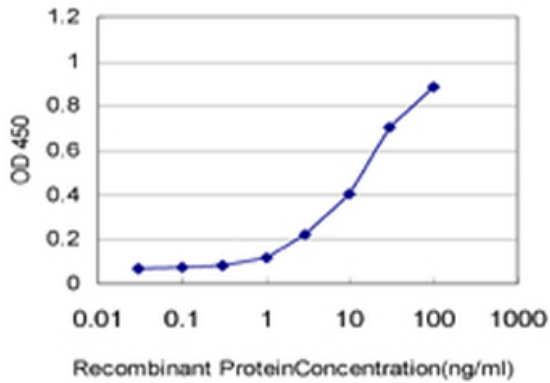
|                            |   |
|----------------------------|---|
| <b>Description</b>         | Mouse monoclonal antibody raised against a partial recombinant CD34.  |
| <b>Species/Host</b>        | Mouse   |
| <b>Reactivity</b>          | Human   |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Tested Applications</b> | ELISA, WB   |
| <b>Immunogen</b>           | CD34 (NP_001764, 32 a.a. ~ 141 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                        |
| <b>Preservatives</b>       | In 1x PBS, pH 7.4   |
| <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   |
| <b>Protein Sequence</b>    | SLDNNGTATPELPTQGTFNSVSTNVSQYQETTTTPSTLGSTSLHPVSQHGNEATTNITETTVKF<br>TSTSVITSVYGNTNSSVQSQTSVISTVFITTPANVSTPETTLKPSLSPG                   |
| <b>Isotype</b>             | IgG1 Kappa  |
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone Number</b>        | 5F3   |
| <b>NCBI</b>                | <b>NP_001764</b>  |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |

**Biorbyt Ltd.**

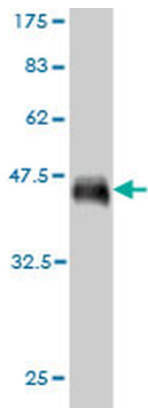
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
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)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Detection limit for recombinant GST tagged CD34 is approximately 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa).

**Biorbyt Ltd.**

7 Signet Court, Swann's 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 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
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)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)