

## Product Datasheet

### Collagen II Rabbit Polyclonal Antibody (orb156419)

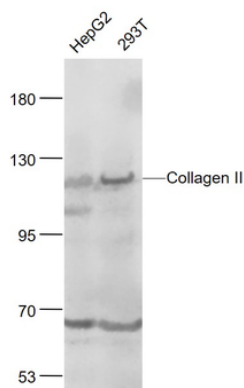
|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Collagen II Rabbit Polyclonal Antibody                                                                                                  |
| <b>Species/Host</b>        | Rabbit                                                                                                                                  |
| <b>Reactivity</b>          | Human                                                                                                                                   |
| <b>Conjugation</b>         | Unconjugated                                                                                                                            |
| <b>Tested Applications</b> | WB                                                                                                                                      |
| <b>Immunogen</b>           | KLH conjugated synthetic peptide derived from rabbit Collagen II Chondrocalcin (1401-1487/1487aa)                                       |
| <b>Target</b>              | COL2A1                                                                                                                                  |
| <b>Preservatives</b>       | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.                                                                  |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                  |
| <b>Concentration</b>       | 1mg/ml                                                                                                                                  |
| <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>Isotype</b>             | IgG                                                                                                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                                              |
| <b>MW</b>                  | 117/163 kDa                                                                                                                             |
| <b>Dilution Range</b>      | WB=1:500-2000                                                                                                                           |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                         |

#### **Biorbyt Ltd.**

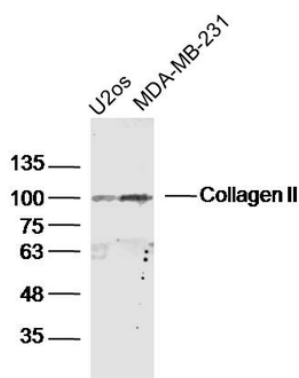
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

#### **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:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)



Sample: HepG2 (Human) Cell Lysate at 30 ug, 293T (Human) Cell Lysate at 30 ug, Primary: Anti-Collagen II (orb156419) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 116 kD, Observed band size: 116 kD.



Sample: U2OS Cell (Human) Lysate at 40 ug, MDA-MB-231 Cell (Human) Lysate at 40 ug, Primary: Anti-Collagen II (orb156419) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 117/163 kD, Observed band size: 100 kD.

**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)