

## Product Datasheet

### Goat anti-MDH1 / MOR2 (aa211-223) Antibody (orb99065)

|                            |                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | orb99065                                                                                                                                                                                                                                                                       |
| <b>Description</b>         | Goat polyclonal to MDH1                                                                                                                                                                                                                                                        |
| <b>Species/Host</b>        | Goat                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>          | Bovine, Human, Mouse, Rat                                                                                                                                                                                                                                                      |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                   |
| <b>Tested Applications</b> | ELISA, WB                                                                                                                                                                                                                                                                      |
| <b>Target</b>              | MDH1 / MOR2 (aa211-223)                                                                                                                                                                                                                                                        |
| <b>Preservatives</b>       | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                    |
| <b>Concentration</b>       | 0.03-0.1 µg/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>Application notes</b>   | This antibody is expected to recognize all reported isoforms (NP_001186040.1; NP_005908.1; NP_001186041.1)WB: Approx 35kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 36.4kDa according to NP_005908.1). Recommended concentration: 0.03-0.1 µg/ml. |
| <b>Protein Sequence</b>    | PDVNHAKVKLQ GK                                                                                                                                                                                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                     |
| <b>MW</b>                  | 38.6; 36.4; 27.0                                                                                                                                                                                                                                                               |

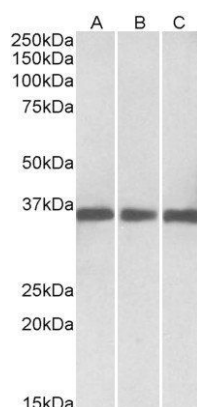
#### Biorbyt Ltd.

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)

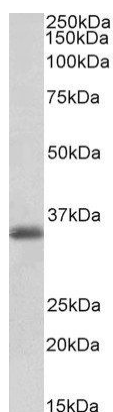
#### Biorbyt LLC.

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)

|                        |                                    |
|------------------------|------------------------------------|
| <b>Entrez</b>          | <b>4190</b>                        |
| <b>Dilution Range</b>  | ELISA: 1:16000, WB: 0.03-0.1 µg/ml |
| <b>Expiration Date</b> | 12 months from date of receipt.    |



Western blot analysis of staining of Human (A), Mouse(B) and Rat (C) Heart lysates using MDH1 antibody.



Western blot analysis of staining of Pig Heart lysates using MDH1 antibody.

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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)