

## Product Datasheet

### Alcohol dehydrogenase 1A Antibody (orb3079660)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb3079660                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>          | Anti-Alcohol Dehydrogenase/ADH1A Antibody. Tested in Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as , ensuring unmatched performance. |
| <b>Target</b>               | Alcohol dehydrogenase 1A                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species/Host</b>         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>              | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form/Appearance</b>      | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>        | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                                                                                                                                                                                                                                         |
| <b>Buffer/Preservatives</b> | Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                                                                                                                                                                                                                      |
| <b>Reconstitution</b>       | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>         | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                                                                      |

#### 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

|                            |                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>           | E. coli-derived human ADH1A recombinant protein (Position: K213-F375). Human ADH1A shares 87.1% and 82.8% amino acid (aa) sequence identity with mouse and rat ADH1A, respectively.                                                            |
| <b>UniProt ID</b>          | <b>P07327</b>                                                                                                                                                                                                                                  |
| <b>MW</b>                  | 40 kDa                                                                                                                                                                                                                                         |
| <b>Tested applications</b> | FC, ICC, IF, IHC, WB                                                                                                                                                                                                                           |
| <b>Dilution range</b>      | Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 <sup>6</sup> cells, Human |
| <b>Specificity</b>         | No cross reactivity with other proteins.                                                                                                                                                                                                       |
| <b>Cross Reactivity</b>    | No cross-reactivity with other proteins                                                                                                                                                                                                        |
| <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                                                                                                                                                                                                                          |

**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)