

## Product Datasheet

# Recombinant Calretinin / Calbindin 2 (Mesothelioma Marker) Antibody (orb2313000)

|                            |                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Recombinant Calretinin / Calbindin 2 (Mesothelioma Marker) Antibody                                                                                                                 |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                               |
| <b>Reactivity</b>          | Human                                                                                                                                                                               |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                        |
| <b>Tested Applications</b> | IHC, WB                                                                                                                                                                             |
| <b>Immunogen</b>           | Recombinant human Calretinin (Calbindin 2) protein fragment (around aa23-242) (exact sequence is proprietary)                                                                       |
| <b>Target</b>              | CALB2                                                                                                                                                                               |
| <b>Form/Appearance</b>     | 200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml. |
| <b>Concentration</b>       | Purified Ab WITHOUT BSA at 1.0mg/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>   | Positive Control: Human brain, testis or mesothelioma tissue.                                                                                                                       |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                          |
| <b>Clone Number</b>        | rCALB2/7123                                                                                                                                                                         |
| <b>Antibody Type</b>       | Recombinant Antibody                                                                                                                                                                |

### 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:+441223859353) | 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)

|                        |                                                                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MW</b>              | 29kDa                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>      | <b>P22676</b>                                                                                                                                                                                                                                                                                                 |
| <b>Entrez</b>          | <b>794</b>                                                                                                                                                                                                                                                                                                    |
| <b>Dilution Range</b>  | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. |
| <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)