

## Product Datasheet

### Anti-CD55 Antibody (monoclonal, 5B9E1) (orb2595858)

|                            |                                                                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Anti-CD55 Antibody (monoclonal, 5B9E1). Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human.                                                                                                                                                         |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                     |
| <b>Conjugation</b>         | iFluor647                                                                                                                                                                                                                                                                 |
| <b>Tested Applications</b> | ICC, IF, IHC, WB                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>           | E.coli-derived human CD55 recombinant protein (Position: D35-K347). Human CD55 shares 49.1% amino acid (aa) sequence identity with mouse CD55.                                                                                                                            |
| <b>Form/Appearance</b>     | Lyophilized                                                                                                                                                                                                                                                               |
| <b>Concentration</b>       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                                                                                                 |
| <b>Storage</b>             | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.                                                                         |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                     |
| <b>Application notes</b>   | Western blot, 0.25-0.5 µg/ml, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/ml, Human Immunocytochemistry/Immunofluorescence, 5 µg/ml, Human Immunofluorescence, 5 µg/ml, Human. Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml |
| <b>Isotype</b>             | Mouse IgG1                                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                                                |
| <b>Clone Number</b>        | 5B9E1                                                                                                                                                                                                                                                                     |

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|                 |                                 |
|-----------------|---------------------------------|
| Antibody Type   | Primary Antibody                |
| MW              | 70-75 kDa                       |
| Uniprot ID      | <b>P08174</b>                   |
| Expiration Date | 12 months from date of receipt. |

**Biorbyt Ltd.**

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