

## Product Datasheet

### CD23 Mouse Monoclonal Antibody (PE/Cy7) (orb1293568)

|                             |                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb1293568                                                                                                                                                                                                                    |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                    |
| <b>Description</b>          | The CD23 Antibody-PE/Cy7 labeled is suitable for FC, IF. It is a Monoclonal, PE/Cy7 conjugated antibody which raised against Native purified human CD23.. Purification: The antibody was purified by affinity chromatography. |
| <b>Target</b>               | FCER2                                                                                                                                                                                                                         |
| <b>Clonality</b>            | Monoclonal                                                                                                                                                                                                                    |
| <b>Species/Host</b>         | Mouse                                                                                                                                                                                                                         |
| <b>Isotype</b>              | Mouse IgG1 kappa                                                                                                                                                                                                              |
| <b>Conjugation</b>          | PE/Cy7                                                                                                                                                                                                                        |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                         |
| <b>Form/Appearance</b>      | Liquid                                                                                                                                                                                                                        |
| <b>Buffer/Preservatives</b> | PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.                                                                                                                                                                           |
| <b>Purification</b>         | The antibody was purified by affinity chromatography.                                                                                                                                                                         |
| <b>Immunogen</b>            | Native purified human CD23.                                                                                                                                                                                                   |
| <b>UniProt ID</b>           | <b>P06734</b>                                                                                                                                                                                                                 |
| <b>Tested applications</b>  | FC, IF                                                                                                                                                                                                                        |
| <b>Dilution range</b>       | 10 µl / assay                                                                                                                                                                                                                 |

#### 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 27713-2847  
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)

**Application notes**

1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 2. Add 10 µl labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light. 3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells. 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant. 5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant. 6. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).

**Specificity**

Recognizes human CD23

**Antibody Type**

Primary Antibody

**Clone Number**

BGDXEUX7

**Storage**

Shipped and store at 4°C for one year. Do not freeze.

**Note**

For research use only

**Entrez****2208****Expiration Date**

12 months from date of receipt.

**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 27713-2847  
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)