

## Product datasheet

### anti-CD23 mouse monoclonal, EBS-CD-016, purified

#### Short overview

|                      |                  |
|----------------------|------------------|
| <b>Cat. No.</b>      | 691569           |
| <b>Quantity</b>      | 1 ml (100 µg/ml) |
| <b>Concentration</b> | 100 µg/ml        |

#### Product description

|                      |                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Antibody Type</b> | Monoclonal                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>       | IgG1 kappa                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clone</b>         | EBS-CD-016                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>     | Human PBL                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b>   | PBS with 0.02% sodium azide                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniprotID</b>     | P06734 (Human)                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonym</b>       | Low affinity immunoglobulin epsilon Fc receptor, BLAST-2, C-type lectin domain family 4 member J, Fc-epsilon-RII, Immunoglobulin E-binding factor, Lymphocyte IgE receptor, CD antigen CD23 [Cleaved into: Low affinity immunoglobulin epsilon Fc receptor membrane-bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form], FCER2, CD23A, CLEC4J, FCE2, IGEBF |
| <b>Conjugate</b>     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>  | Affinity chromatography                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>       | 2-8°C                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Intended use</b>  | Research use only                                                                                                                                                                                                                                                                                                                                                                |
| <b>Application</b>   | FACS, ICC/IF, IHC                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>    | Human                                                                                                                                                                                                                                                                                                                                                                            |

#### Applications

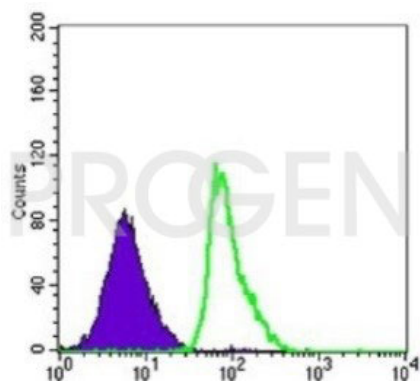
|                                            |                                    |
|--------------------------------------------|------------------------------------|
| <b>Flow Cytometry (FACS)</b>               | 0.5-1.0 µg/million cells in 0.1 ml |
| <b>Immunocytochemistry (ICC)</b>           | 1:100-1:200 (0.5-1.0 µg/ml)        |
| <b>Immunohistochemistry (IHC) - frozen</b> | 1:50-1:100 (1-2 µg/ml)             |

#### Background

EBS-CD-016 reacts with CD23, a Fc epsilon receptor II, which plays a role in the differentiation of B-cells and is B-cell specific.

Positive control: human PBL or tonsil.

#### Product images



FACS with Raji cells