

## Product Datasheet

### CD71 Antibody (Biotin) (orb3145405)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb3145405  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | CD71 Antibody (Biotin)  |
| <b>Target</b>               | CD71  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Isotype</b>              | Mouse IgG1  |
| <b>Conjugation</b>          | Biotin  |
| <b>Reactivity</b>           | Human   |
| <b>Concentration</b>        | 1 mg/ml   |
| <b>Buffer/Preservatives</b> | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide   |
| <b>Purification</b>         | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography. |
| <b>Immunogen</b>            | KG1 human acute myelogenous leukaemia cell line   |
| <b>UniProt ID</b>           | <b>P02786</b>   |
| <b>Tested applications</b>  | FC, IP  |
| <b>Application notes</b>    | Flow cytometry: Recommended dilution: 1-5 µg/ml.  |

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|                        |   |
|------------------------|---|
| <b>Specificity</b>     | The antibody MEM-189 reacts with an extracellular epitope on CD71 antigen (transferrin receptor), a 95 kDa type II homodimeric transmembrane glycoprotein expressed on activated B and lymphocytes, macrophages and erythroid precursors; it is lost on resting blood leukocytes. The antibody MEM-189 does not block binding of transferrin to the receptor. |
| <b>Clone Number</b>    | MEM-189   |
| <b>Storage</b>         | Store at 2-8°C. Do not freeze.  |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>7037</b>   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |

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