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## Product Datasheet

### Anti-Hu CD64 Purified Low Endotoxin, Clone: [10.1], Monoclonal EXB-12-644-C100

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-Hu CD64 Purified Low Endotoxin, Clone: [10.1], Monoclonal                                                                                                                                                                                            |
| Biozol Catalog Number      | EXB-12-644-C100                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 12-644-C100                                                                                                                                                                                                                                               |
| Alternative Catalog Number | EXB-12-644-C100                                                                                                                                                                                                                                           |
| Manufacturer               | EXBIO                                                                                                                                                                                                                                                     |
| Category                   | Antikörper                                                                                                                                                                                                                                                |
| Application                | FA, FC, ICC, IHC-Fr, IHC-P, IP, WB                                                                                                                                                                                                                        |
| Species Reactivity         | Human, Primate                                                                                                                                                                                                                                            |
| Immunogen                  | Rheumatoid synovial fluid cells and fibronectin purified human monocytes                                                                                                                                                                                  |
| Product Description        | CD64 (FcγRI) is a cell surface receptor for Fc region of IgG. It is composed of specific ligand binding alpha subunit and promiscuous gamma subunit, which is indispensable for tyrosine-based signaling. However, even the alpha subunit can transduc... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                |
| Concentration              | 1 mg/ml                                                                                                                                                                                                                                                   |
| Clone Designation          | [10.1]                                                                                                                                                                                                                                                    |
| Isotype                    | Mouse IgG1 kappa                                                                                                                                                                                                                                          |
| Buffer                     | Phosphate buffered saline (PBS), pH 7.4                                                                                                                                                                                                                   |
| Storage                    | 2°C to 8°C                                                                                                                                                                                                                                                |

|                   |                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target            | CD64                                                                                                                                                                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                         |
| Application Notes | Functional application: Blocking of IgG binding to the FcγR1.<br>Flow cytometry: Recommended dilution: 1-4 µg/ml.<br>Immunohistochemistry (paraffin sections and frozen sections): There can occur problems with paraformaldehyde fixation. |