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## Product Datasheet

### Anti-Hu CD45RB Alexa Fluor 647, Clone: [MEM-55], AF647, Monoclonal EXB-A6-224-T025

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-Hu CD45RB Alexa Fluor 647, Clone: [MEM-55], AF647, Monoclonal                                                                                                                                                                                            |
| Biozol Catalog Number      | EXB-A6-224-T025                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | A6-224-T025                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | EXB-A6-224-T025                                                                                                                                                                                                                                               |
| Manufacturer               | EXBIO                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | WB, FC                                                                                                                                                                                                                                                        |
| Species Reactivity         | Primate, Human                                                                                                                                                                                                                                                |
| Immunogen                  | Human thymocytes and T lymphocytes.                                                                                                                                                                                                                           |
| Conjugation                | AF647                                                                                                                                                                                                                                                         |
| Product Description        | CD45RB is an of a receptor-type protein tyrosine phosphatase, CD45 glycoprotein. CD45 is crucial in lymphocyte development and antigen signaling, serving as an important regulator of Src-family kinases, promotes cell survival by modulating integrin-m... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [MEM-55]                                                                                                                                                                                                                                                      |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |
| Buffer                     | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage           | 2°C to 8°C                                                                                                                                                                                                                 |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                        |
| Application Notes | Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. |