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## Product Datasheet

### Anti-Hu CD45 APC, Clone: [2D1], Monoclonal EXB-1A-160-T100

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-Hu CD45 APC, Clone: [2D1], Monoclonal                                                                                                                                                                                                                    |
| Biozol Catalog Number      | EXB-1A-160-T100                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 1A-160-T100                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | EXB-1A-160-T100                                                                                                                                                                                                                                               |
| Manufacturer               | EXBIO                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human peripheral blood mononuclear cells                                                                                                                                                                                                                      |
| Conjugation                | APC                                                                                                                                                                                                                                                           |
| Product Description        | CD45 (LCA, leukocyte common antigen) is a receptor-type protein tyrosine phosphatase ubiquitously expressed in all nucleated hematopoietic cells, comprising approximately 10% of all surface proteins in lymphocytes. CD45 glycoprotein is crucial in lym... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [2D1]                                                                                                                                                                                                                                                         |
| Isotype                    | Mouse IgG1 kappa                                                                                                                                                                                                                                              |
| Buffer                     | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide                                                                                                                                                                                       |
| Storage                    | 2°C to 8°C                                                                                                                                                                                                                                                    |

|                    |                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target             | CD45                                                                                                                                                                                                                      |
| Antibody Type      | Monoclonal Antibody                                                                                                                                                                                                       |
| Application Dilute | Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
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