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## Product Datasheet

### CD45RB(PTPRC/1132), 1mg/mL, Clone: [PTPRC/1132], Mouse, Monoclonal BOT-BNUM1132-50

|                            |                                                                                                                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD45RB(PTPRC/1132), 1mg/mL, Clone: [PTPRC/1132], Mouse, Monoclonal                                                                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNUM1132-50                                                                                                                                                                                                                                                   |
| Supplier Catalog Number    | BNUM1132-50                                                                                                                                                                                                                                                       |
| Alternative Catalog Number | BOT-BNUM1132-50-50UL                                                                                                                                                                                                                                              |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                           |
| Host                       | Mouse                                                                                                                                                                                                                                                             |
| Category                   | Antikörper                                                                                                                                                                                                                                                        |
| Application                | IHC, WB                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                             |
| Immunogen                  | Recombinant full-length human CD45RB protein                                                                                                                                                                                                                      |
| Product Description        | CD45R, also designated CD45 and PTPRC, is identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Multiple isoforms of CD45R are distributed throughout the immune system. These isoforms arise because of alternative splicing. |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                        |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                           |
| Clone Designation          | [PTPRC/1132]                                                                                                                                                                                                                                                      |
| Molecular Weight           | 180-220 kDa                                                                                                                                                                                                                                                       |

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P08575</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Does not react with rat or monkey, others not known Immunohistology (formalin) Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user</p> |