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## Product Datasheet

### Recombinant Human IL-3R Beta/CSF2RB/CD131 Protein ABB-RP01944

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human IL-3R Beta/CSF2RB/CD131 Protein                                                                                                                                                                                                              |
| Biozol Catalog Number      | ABB-RP01944                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | RP01944                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | ABB-RP01944-10UG, ABB-RP01944-100UG, ABB-RP01944-1000UG, ABB-RP01944-20UG, ABB-RP01944-50UG, ABB-RP01944-500UG                                                                                                                                                 |
| Manufacturer               | ABclonal                                                                                                                                                                                                                                                       |
| Host                       | Human                                                                                                                                                                                                                                                          |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                               |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Trp17-Trp443                                                                                                                                                                                                                                                   |
| Product Description        | Colony stimulating factor 2 receptor, beta, also known as CD131 antigen (CD131), cytokine receptor common subunit beta, GM-CSF/IL-3/IL-5 receptor common beta-chain, interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3 receptor, be... |
| Concentration              | < 0.01 EU/μg of the protein by LAL method                                                                                                                                                                                                                      |
| Molecular Weight           | 49.34 kDa                                                                                                                                                                                                                                                      |
| NCBI                       | <a href="#">1439</a>                                                                                                                                                                                                                                           |
| UniProt                    | <a href="#">P32927</a>                                                                                                                                                                                                                                         |
| Purity                     | 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                |

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form               | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence           | ERSLAGAEETIPLQTLRCYNDYTSHITCRWADTQDAQRLVNVTLIRRVNEDLL<br>EPVSCDLSDDMPWSAACPHPRCVPRRCVIPCSFVVTDVDYFSFQPDRPLGTR<br>LTVTLTQHVQPPEPRDLQISTDQDHFLTWSVALGSPQSHWLSPGDLEFEVV<br>YKRLQDSWEDAAILLSNTSQATLGPEHLMPSSTYVARVRTRLAPGSRLSGRPS<br>KWSPEVCWDSQPGDEAQPQNLECFDGA AVLSCSWEVRKEVASSV                                                                                                                                                                |
| Target             | CSF2RB                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Dilute | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes  | Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Bio-Markers & CD Antigens |