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## Product Datasheet

### CD100 (Semaphorin-4D) Antibody, IgG1, Mouse, Monoclonal NBT-10507-MSM2-P1ABX

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD100 (Semaphorin-4D) Antibody, IgG1, Mouse, Monoclonal                                                                                                                                                                                                       |
| Biozol Catalog Number      | NBT-10507-MSM2-P1ABX                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 10507-MSM2-P1ABX                                                                                                                                                                                                                                              |
| Alternative Catalog Number | NBT-10507-MSM2-P1ABX-100                                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IF                                                                                                                                                                                                                                    |
| Species Reactivity         | Human, Monkey, Mouse                                                                                                                                                                                                                                          |
| Immunogen                  | PHA stimulated human peripheral blood lymphocytes                                                                                                                                                                                                             |
| Product Description        | Recognizes a homodimeric protein comprised of 50kDa subunits, identified as CD100. It is expressed on majority of haemopoietic cells (B, T, NK and myeloid cells) and is absent from bone marrow, erythrocytes, eosinophils and endothelial cells. Its exp... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Molecular Weight           | 50kDa (Monomer)                                                                                                                                                                                                                                               |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |
| NCBI                       | <a href="#">10507</a>                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">Q92854</a>                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.             |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                |
| Application Notes | Functional Studies (Order Ab without Azide),Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Optimal dilution for a specific application should be determined. |