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## Product Datasheet

### **CD44 / HCAM (Cancer Stem Cell Marker) Antibody, IgG1, Clone: [DF1485], Mouse, Monoclonal NBT-960-MSM3-P0**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD44 / HCAM (Cancer Stem Cell Marker) Antibody, IgG1, Clone: [DF1485], Mouse, Monoclonal                                                                                                                                                                      |
| Biozol Catalog Number      | NBT-960-MSM3-P0                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 960-MSM3-P0                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NBT-960-MSM3-P0-20,NBT-960-MSM3-P0-100                                                                                                                                                                                                                        |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human, Mouse                                                                                                                                                                                                                                                  |
| Immunogen                  | Purified CD44 antigen (PGp-1) from lymphocyte membrane                                                                                                                                                                                                        |
| Product Description        | Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. The CD44 family of glycoproteins exists in a numbe... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [DF1485]                                                                                                                                                                                                                                                      |
| Molecular Weight           | 80-95kDa                                                                                                                                                                                                                                                      |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">960</a>                                                                                                                                                                                                                                            |
| UniProt           | <a href="#">P16070</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 | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 mi |