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## Product Datasheet

### **Mouse anti Human CD34, conjugated with FITC, IgG1, Clone: [CS37], Monoclonal NMB-0342**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Mouse anti Human CD34, conjugated with FITC, IgG1, Clone: [CS37], Monoclonal                                                                                                                                                                                  |
| Artikelnummer            | NMB-0342                                                                                                                                                                                                                                                      |
| Hersteller Artikelnummer | 0342                                                                                                                                                                                                                                                          |
| Alternativnummer         | NMB-0342                                                                                                                                                                                                                                                      |
| Hersteller               | NordicMubio                                                                                                                                                                                                                                                   |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | FC                                                                                                                                                                                                                                                            |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | CD34=Derived from the hybridization of mouse Sp2/O-Ag14 cells with spleen cells of BALB/c mice immunized with human cell line KG-1a                                                                                                                           |
| Konjugation              | FITC                                                                                                                                                                                                                                                          |
| Produktbeschreibung      | Human Progenitor Cell Antigen (MW 115 K daltons) is found on normal peripheral blood lymphocytes, monocytes, granulocytes and platelets. CD34 is present on 1% or less of cells in normal human bone marrow. Human Progenitor Cell Antigen reacts with 30-... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | Titered for flow cytometry                                                                                                                                                                                                                                    |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Klon-Bezeichnung       | [CS37]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt                | <a href="#">P28906</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Puffer                 | Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reinheit               | Protein A/G Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulierung           | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formel                 | Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung | <p>PBMC: Add 10 µl of MAB/10<sup>6</sup> PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2 to 8 C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p> <p>ALLOPHYCOCYANIN: (APC) conjugates are analyzed in multi-color flow cytometry with instruments equipped with a second laser and proper filters. Laser excitation is at 633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633 nm) range for a Dye laser. Peak fluorescence emission is at 660 nm.</p> |