

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Mouse anti Human CD103, conjugated with FITC, IgG1, Clone: [AX.14], Monoclonal NMB-1032**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mouse anti Human CD103, conjugated with FITC, IgG1, Clone: [AX.14], Monoclonal                                                                                                                                                                                |
| Biozol Catalog Number      | NMB-1032                                                                                                                                                                                                                                                      |
| Supplier Catalog Number    | 1032                                                                                                                                                                                                                                                          |
| Alternative Catalog Number | NMB-1032                                                                                                                                                                                                                                                      |
| Manufacturer               | NordicMubio                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Conjugation                | FITC                                                                                                                                                                                                                                                          |
| Product Description        | The CD103 antigen is a 160-130-105 kDa molecule which is expressed on mucosa-associated T lymphocytes and activated cells and on subset of TGF beta -1 cells. This human intra epithelial lymphocyte marker is the E integrin chain associated with the b7... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | Titered for flow cytometry                                                                                                                                                                                                                                    |
| Clone Designation          | [AX.14]                                                                                                                                                                                                                                                       |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P38570</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer            | Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity            | Protein A/G Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Form              | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formula           | Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes | <p>PBMC: Add 10 µl of MAB/106 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 (20 C). 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> |