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## Product Datasheet

### Mouse anti CD8, IgG1, Clone: [RIV11], Monoclonal NMB-MUB2055P

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mouse anti CD8, IgG1, Clone: [RIV11], Monoclonal                                                                                                                                                                                                              |
| Biozol Catalog Number      | NMB-MUB2055P                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | MUB2055P                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | NMB-MUB2055P                                                                                                                                                                                                                                                  |
| Manufacturer               | NordicMubio                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, FC, ICC, IHC-Fr                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | CD8 is a 32kDa cell surface transmembrane glycoprotein expressed by most thymocytes, a subpopulation of mature peripheral blood T-cells and natural killer (NK) cells. CD8 is expressed on the cell surface as a heterodimer, comprising two distinct disu... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [RIV11]                                                                                                                                                                                                                                                       |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P01732</a>                                                                                                                                                                                                                                        |
| Buffer                     | Each vial contains 500 µl 0.2 mg/ml purified monoclonal antibody in phosphated buffered saline (PBS) containing 50% glycerol + 0.2% bovine serum albumin (BSA) + 0.02% sodium azide.                                                                          |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source            | RIV11 is a mouse monoclonal IgG1 antibody derived by fusion of 653 mouse myeloma cells with splenocytes from a BALB/c mouse immunized with human peripheral blood lymphocytes.                                                                                                                                                                                                                                         |
| Formula           | Each vial contains 500 µl 0.2 mg/ml purified monoclonal antibody in phosphated buffered saline (PBS) containing 50% glycerol + 0.2% bovine serum albumin (BSA) + 0.02% sodium azide.                                                                                                                                                                                                                                   |
| Application Notes | The RIV11 antibody is suitable for the detection of total CD8 by flow cytometry and ELISA. The antibody is also suitable for the detection of CD8 by immunocytochemistry and immunohistochemistry on frozen tissues. Human lymph node, spleen and peripheral blood lymphocytes are suitable for use as positive controls. Optimal antibody dilutions for the different applications should be determined by titration. |