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## Product Datasheet

### Perforin Antibody / PRF1, Clone: [SPM434], Mouse, Monoclonal NSJ-V9142-100UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Perforin Antibody / PRF1, Clone: [SPM434], Mouse, Monoclonal                                                                                                                                                                                                  |
| Biozol Catalog Number      | NSJ-V9142-100UG                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | V9142-100UG                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NSJ-V9142-100UG                                                                                                                                                                                                                                               |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A portion of amino acids 413-552 was used as the immunogen for the Perforin antibody.                                                                                                                                                                         |
| Product Description        | Perforin is a pore-forming protein that leads to osmotic lysis of the target cells and subsequently enables granzymes to enter the target cells and activate apoptosis. Perforin has structural and functional similarities to complement component 9 (C9)... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide                                                                                                                                                                                       |
| Clone Designation          | [SPM434]                                                                                                                                                                                                                                                      |
| Isotype                    | Mouse IgG, kappa                                                                                                                                                                                                                                              |

|                    |                                                                                   |
|--------------------|-----------------------------------------------------------------------------------|
| UniProt            | <a href="#">P14222</a>                                                            |
| Buffer             | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide           |
| Purity             | Protein A/G affinity                                                              |
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide           |
| Target             | Perforin                                                                          |
| Antibody Type      | Primary Antibody                                                                  |
| Application Dilute | ELISA: 1-5ug/ml (order BSA-free format for coating)                               |
| Application Notes  | Optimal dilution of the Perforin antibody should be determined by the researcher. |