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## Product Datasheet

### **Perforin-1 (Pore Forming Protein) (Apoptosis Marker)(PRF1/2467), CF640R conjugate, 0.1mg/mL, Clone: [PRF1/2467], Mouse, Monoclonal BOT-BNC402467-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Perforin-1 (Pore Forming Protein) (Apoptosis Marker)(PRF1/2467), CF640R conjugate, 0.1mg/mL, Clone: [PRF1/2467], Mouse, Monoclonal                                                                                                                            |
| Biozol Catalog Number      | BOT-BNC402467-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC402467-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC402467-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human Perforin-1 protein fragment (around aa 413-552) (exact sequence is proprietary)                                                                                                                                                             |
| Conjugation                | CF640R                                                                                                                                                                                                                                                        |
| 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              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [PRF1/2467]                                                                                                                                                                                                                                                   |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 75 kDa                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt           | <a href="#">P14222</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes | For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry |