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## Product Datasheet

### **Peroxiredoxin 4 (Prognostic Marker for Lung SqCC)(CPTC-PRDX4-2), CF647 conjugate, 0.1mg/mL, Clone: [CPTC-PRDX4-2], Mouse, Monoclonal BOT-BNC472483-100**

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Peroxiredoxin 4 (Prognostic Marker for Lung SqCC)(CPTC-PRDX4-2), CF647 conjugate, 0.1mg/mL, Clone: [CPTC-PRDX4-2], Mouse, Monoclonal                                                                                                                           |
| Artikelnummer            | BOT-BNC472483-100                                                                                                                                                                                                                                              |
| Hersteller Artikelnummer | BNC472483-100                                                                                                                                                                                                                                                  |
| Alternativnummer         | BOT-BNC472483-100-100UL                                                                                                                                                                                                                                        |
| Hersteller               | Biotium                                                                                                                                                                                                                                                        |
| Wirt                     | Mouse                                                                                                                                                                                                                                                          |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                          |
| Immunogen                | Recombinant full-length human PRDX4 protein                                                                                                                                                                                                                    |
| Konjugation              | CF647                                                                                                                                                                                                                                                          |
| Produktbeschreibung      | The peroxiredoxin (PRX) family comprises six antioxidant proteins, PRX I, II, III, IV, V and VI, which protect cells from reactive oxygen species (ROS) by preventing the metal-catalyzed oxidation of enzymes. The PRX proteins primarily utilize thioered... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                     |
| Konzentration            | 0.1 mg/mL                                                                                                                                                                                                                                                      |
| Klon-Bezeichnung         | [CPTC-PRDX4-2]                                                                                                                                                                                                                                                 |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molekulargewicht       | 27 kDa                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt                | <a href="#">Q13162</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| Puffer                 | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                         |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Anwendungsbeschreibung | 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 |