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## Product Datasheet

### CD104(UM-A9), 0.2mg/mL, Clone: [UM-A9], Mouse, Monoclonal BOT-BNUB0449-500

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | CD104(UM-A9), 0.2mg/mL, Clone: [UM-A9], Mouse, Monoclonal                                                                                                                                                                                                     |
| Artikelnummer            | BOT-BNUB0449-500                                                                                                                                                                                                                                              |
| Hersteller Artikelnummer | BNUB0449-500                                                                                                                                                                                                                                                  |
| Alternativnummer         | BOT-BNUB0449-500-500UL                                                                                                                                                                                                                                        |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | FC, Functional Studies, IF, IP                                                                                                                                                                                                                                |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Human squamous cell carcinoma (UM-SCC1)                                                                                                                                                                                                                       |
| Produktbeschreibung      | CD104 is beta 4 integrin. It is primarily expressed in epithelial cells. Together with alpha 6 integrin, it is the cell surface receptor for laminin, where it mediates cell adhesion. Mutations in this gene are associated with epidermolysis bullosa wi... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Klon-Bezeichnung         | [UM-A9]                                                                                                                                                                                                                                                       |
| Molekulargewicht         | 205 kDa                                                                                                                                                                                                                                                       |
| UniProt                  | <a href="#">P16144</a>                                                                                                                                                                                                                                        |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Puffer                 | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                     |
| Anwendungsbeschreibung | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Biological blockade partially blocks laminin binding Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user |