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## Product Datasheet

### **DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1486), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1486], Mouse, Monoclonal BOT-BNC471486-500**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1486), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1486], Mouse, Monoclonal                                                                                                                           |
| Artikelnummer            | BOT-BNC471486-500                                                                                                                                                                                                                                             |
| Hersteller Artikelnummer | BNC471486-500                                                                                                                                                                                                                                                 |
| Alternativnummer         | BOT-BNC471486-500-500UL                                                                                                                                                                                                                                       |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC                                                                                                                                                                                                                                                           |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Recombinant human DOG-1 protein fragment (aa 2-101) (exact sequence is proprietary)                                                                                                                                                                           |
| Konjugation              | CF647                                                                                                                                                                                                                                                         |
| Produktbeschreibung      | Expression of DOG-1 protein is elevated in the gastrointestinal stromal tumors (GIST s), c-kit signaling-driven mesenchymal tumors of the GI tract. DOG-1 is rarely expressed in other soft tissue tumors, which, due to appearance, may be difficult to d... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Klon-Bezeichnung       | [DG1/1486]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Molekulargewicht       | ~114 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt                | <a href="#">Q5XXA6</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Puffer                 | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Anwendungsbeschreibung | <p>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 Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |