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## Product Datasheet

### **DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1485), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1485], Mouse, Monoclonal BOT-BNC471485-100**

|                            |   |
|----------------------------|---|
| Article Name               | DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) (DG1/1485), CF647 conjugate, 0.1mg/mL, Clone: [DG1/1485], Mouse, Monoclonal   |
| Biozol Catalog Number      | BOT-BNC471485-100   |
| Supplier Catalog Number    | BNC471485-100   |
| Alternative Catalog Number | BOT-BNC471485-100-100UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Human   |
| Immunogen                  | Recombinant human DOG-1 protein fragment (aa 2-101) (exact sequence is proprietary)   |
| Conjugation                | CF647   |
| Product Description        | 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... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |

|                   |   |
|-------------------|---|
| Clone Designation | [DG1/1485]  |
| Molecular Weight  | ~114 kDa  |
| UniProt           | <a href="#">Q5XXA6</a>  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide  |
| Source            | Animal  |
| Application Notes | 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 |