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## Product Datasheet

### **DOG-1(DG1/447), 1mg/mL, Clone: [DG1/447], Mouse, Monoclonal BOT-BNUM0447-50**

|                            |   |
|----------------------------|---|
| Article Name               | DOG-1(DG1/447), 1mg/mL, Clone: [DG1/447], Mouse, Monoclonal   |
| Biozol Catalog Number      | BOT-BNUM0447-50   |
| Supplier Catalog Number    | BNUM0447-50   |
| Alternative Catalog Number | BOT-BNUM0447-50-50UL  |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Human   |
| Immunogen                  | Recombinant human DOG-1 protein   |
| Product Description        | Expression of DOG-1 protein is elevated in the gastrointestinal stromal tumors (GISTs), 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 di... |
| Clonality                  | Monoclonal  |
| Concentration              | 1 mg/mL   |
| Clone Designation          | [DG1/447]   |
| Molecular Weight           | ~114 kDa  |
| UniProt                    | <a href="#">Q5XXA6</a>  |

|                   |   |
|-------------------|---|
| Buffer            | PBS, no BSA, no azide   |
| Source            | Animal  |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Flow cytometry: 0.5-1 ug/million cells Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.25-0.5 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 minutes Optimal dilution for a specific application should be determined by user |