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## Product Datasheet

### **DOG-1 / ANO1 (Marker for Gastrointestinal Stromal Tumors) Antibody, IgG1, Clone: [DG1/447 + DOG-1.1], Mouse, Monoclonal NBT-55107-MSM3-P1ABX**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | DOG-1 / ANO1 (Marker for Gastrointestinal Stromal Tumors) Antibody, IgG1, Clone: [DG1/447 + DOG-1.1], Mouse, Monoclonal                                                                                                                                       |
| Artikelnummer            | NBT-55107-MSM3-P1ABX                                                                                                                                                                                                                                          |
| Hersteller Artikelnummer | 55107-MSM3-P1ABX                                                                                                                                                                                                                                              |
| Alternativnummer         | NBT-55107-MSM3-P1ABX-100                                                                                                                                                                                                                                      |
| Hersteller               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC                                                                                                                                                                                                                                                           |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Recombinant human DOG-1 protein (DG1/447) + A synthetic peptide from human DOG-1 protein (MSDFVDWVIPDIPKDISQQIHKEKVLMMVELFMREEQDKQQLL-ETCMEKERQKDEPPCNHHNTKACPDSLGSP-APSHAYHGGVL), conjugated to a carrier protein (DOG-1.1).                                 |
| Produktbeschreibung      | 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... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [DG1/447 + DOG-1.1]                                                                                                                                                                                                                                           |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molekulargewicht       | ~114kDa                                                                                                                                                                                                                                                       |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                          |
| NCBI                   | <a href="#">55107</a>                                                                                                                                                                                                                                         |
| UniProt                | Q5XX6                                                                                                                                                                                                                                                         |
| Formulierung           | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                        |
| Antibody Type          | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Anwendungsbeschreibung | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes), Optimal dilution f |