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## Product Datasheet

### **ANO1 Antibody / DOG1 / TMEM16A, Clone: [SPM580], Mouse, Monoclonal NSJ-V9068IHC-7ML**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | ANO1 Antibody / DOG1 / TMEM16A, Clone: [SPM580], Mouse, Monoclonal                                                                                                                                                                                            |
| Biozol Catalog Number      | NSJ-V9068IHC-7ML                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | V9068IHC-7ML                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NSJ-V9068IHC-7ML                                                                                                                                                                                                                                              |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC-P                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human DOG1 protein was used as the immunogen for this ANO1 antibody.                                                                                                                                                                              |
| Product Description        | Expression of DOG-1/ANO1/TMEM16A protein is elevated in the gastrointestinal stromal tumors (GISTs), c-kit signaling-driven mesenchymal tumors of the GI tract. ANO1 is rarely expressed in other soft tissue tumors, which, due to appearance, may be dif... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SPM580]                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">Q5XXA6</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form               | Prediluted in 1X PBS, 0.1 mg/ml BSA (US sourced), 0.05% sodium azide, *For IHC use only*                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Antibody Type      | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Dilute | The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.                                                                                                                                                                                                                                                                                               |
| Application Notes  | <p>The optimal dilution of the ANO1 antibody for each application should be determined by the researcher.</p> <p>1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.</p> <p>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</p> |