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## Product Datasheet

### **Stromal Interaction Molecule 1 (STIM1, GOK), IgG1, Clone: [CDN3H4], Mouse, Monoclonal USB-S7975-88G**

|                            |                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Stromal Interaction Molecule 1 (STIM1, GOK), IgG1, Clone: [CDN3H4],<br>Mouse, Monoclonal                                                                                                                                                                               |
| Biozol Catalog Number      | USB-S7975-88G                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | S7975-88G                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | USB-S7975-88G-100                                                                                                                                                                                                                                                      |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                          |
| Host                       | Mouse                                                                                                                                                                                                                                                                  |
| Category                   | Antikörper                                                                                                                                                                                                                                                             |
| Application                | IHC, IP, WB                                                                                                                                                                                                                                                            |
| Immunogen                  | Synthetic peptide corresponding to the C-terminal cytoplasmic part<br>of STIM1                                                                                                                                                                                         |
| Product Description        | STIM1 (stromal interacting molecule, also known as GOK) acts as a<br>sensor of calcium depletion within the endoplasmic reticulum and<br>transduces the signal to Orai1, the presumptive CRAC channel at the<br>plasma membrane. Following decrease of luminal calc... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                             |
| Clone Designation          | [CDN3H4]                                                                                                                                                                                                                                                               |
| Isotype                    | IgG1                                                                                                                                                                                                                                                                   |
| UniProt                    | <a href="#">G0XQ39</a>                                                                                                                                                                                                                                                 |
| Purity                     | Purified by Protein A affinity chromatography.                                                                                                                                                                                                                         |

|      |                                                         |
|------|---------------------------------------------------------|
| Form | Supplied as a liquid in PBS, pH 7.4, 15mM sodium azide. |
|------|---------------------------------------------------------|