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## Product Datasheet

### **Filaggrin (Keratinocyte Differentiation Marker) (FLG/1561), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [FLG/1561], Mouse, Monoclonal BOT-BNCB1561-500**

|                            |   |
|----------------------------|---|
| Article Name               | Filaggrin (Keratinocyte Differentiation Marker) (FLG/1561), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [FLG/1561], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNCB1561-500  |
| Supplier Catalog Number    | BNCB1561-500  |
| Alternative Catalog Number | BOT-BNCB1561-500-500UL  |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Human   |
| Immunogen                  | Recombinant human Filaggrin protein fragment (aa 998-1104) (exact sequence is proprietary)  |
| Conjugation                | Biotin  |
| Product Description        | Filaggrin is an intermediate filament-associated protein that aggregates keratin intermediate filaments in mammalian epidermis. It is initially synthesized as a polyprotein precursor, profilaggrin (consisting of multiple filaggrin units of 324 aa eac... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |
| Clone Designation          | [FLG/1561]  |

|                   |   |
|-------------------|---|
| Molecular Weight  | 26-45 kDa (Processed), 350 kDa (Profilaggrin)   |
| Isotype           | IgG1  |
| UniProt           | <a href="#">P20930</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: 1-2 ug/mL Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues is enhanced by 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 |