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## Product Datasheet

### **Filaggrin (Keratinocyte Differentiation Marker) (FLG/1562), Biotin conjugate, 0.1mg/mL, Clone: [FLG/1562], Mouse, Monoclonal BOT-BNCB1562-100**

Article Name	Filaggrin (Keratinocyte Differentiation Marker) (FLG/1562), Biotin conjugate, 0.1mg/mL, Clone: [FLG/1562], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1562-100
Supplier Catalog Number	BNCB1562-100
Alternative Catalog Number	BOT-BNCB1562-100-100UL
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/1562]

Molecular Weight	26-45 kDa (Processed), 350 kDa (Profilaggrin)
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