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## Product Datasheet

### **Desmoglein-1 (DSG1) (DSG1/1733), Biotin conjugate, 0.1mg/mL, Clone: [DSG1/1733], Mouse, Monoclonal BOT-BNCB1733-500**

Article Name	Desmoglein-1 (DSG1) (DSG1/1733), Biotin conjugate, 0.1mg/mL, Clone: [DSG1/1733], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1733-500
Supplier Catalog Number	BNCB1733-500
Alternative Catalog Number	BOT-BNCB1733-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human desmoglein-1 protein fragment corresponding to intracellular domain (exact sequence is proprietary)
Conjugation	Biotin
Product Description	This antibody recognizes a protein of ~150 kDa, identified as Desmoglein-1 (DSG1). Desmoglein-1 is a member of the desmosomal cadherin family. Desmosomes are intercellular adhering junctions that represent cell surface attachment sites for intermedia...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[DSG1/1733]

Molecular Weight	150 kDa (precursor), 160 kDa (mature)
UniProt	<a href="#">Q02413</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 requires boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA pH 8.0 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