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## Product Datasheet

### **Spectrin beta III (SPTBN2) (SPTBN2/1582), Biotin conjugate, 0.1mg/mL, Clone: [SPTBN2/1582], Mouse, Monoclonal BOT-BNCB1582-500**

Article Name	Spectrin beta III (SPTBN2) (SPTBN2/1582), Biotin conjugate, 0.1mg/mL, Clone: [SPTBN2/1582], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1582-500
Supplier Catalog Number	BNCB1582-500
Alternative Catalog Number	BOT-BNCB1582-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC, WB
Species Reactivity	Human
Immunogen	Recombinant human SPTBN2 fragment (aa356-475) (exact sequence is proprietary)
Conjugation	Biotin
Product Description	Spectrin is an actin binding protein that is a major component of the plasma membrane skeleton. Spectrins function as membrane organizers and stabilizers by forming dimers, tetramers and higher polymers. Vertebrate spectrins have two alpha-subunits (...)
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[SPTBN2/1582]

Molecular Weight	246 kDa
UniProt	<a href="#">O15020</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 ELISA: 2-4 ug/mL for coating order Ab without BSA Immunofluorescence: 0.5-1 ug/mL Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues requires 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user