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## Product Datasheet

### **Neurofilament (NF-L)(NR-4), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [NR-4], Mouse, Monoclonal BOT-BNCB0303-100**

Article Name	Neurofilament (NF-L)(NR-4), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [NR-4], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB0303-100
Supplier Catalog Number	BNCB0303-100
Alternative Catalog Number	BOT-BNCB0303-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Bovine, Gallus, Human, Porcine, Rat
Immunogen	Crude neurofilament preparation from porcine spinal cord
Conjugation	Biotin
Product Description	This MAb reacts with a 68 kDa protein, identified as light sub-unit of neurofilaments (NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neur...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[NR-4]

Molecular Weight	68 kDa
Isotype	IgG1
UniProt	<a href="#">P07196</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-fixed 0.25-0.5 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 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user