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Product Datasheet

Neurofilament (H+L)(RT-97 + NR-4), CF647 conjugate, 0.1mg/mL, Clone: [RT-97 NR-4], Mouse, Monoclonal BOT-BNC471201-500

Article Name	Neurofilament (H+L)(RT-97 + NR-4), CF647 conjugate, 0.1mg/mL, Clone: [RT-97 NR-4], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC471201-500
Supplier Catalog Number	BNC471201-500
Alternative Catalog Number	BOT-BNC471201-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC
Species Reactivity	Gallus, Human, Mouse, Porcine, Rat
Immunogen	Triton-X 100 insoluble proteins of rat brain (RT-97), Neurofilaments from porcine spinal cord (NR-4)
Conjugation	CF647
Product Description	This MAb reacts with a 200 kDa and 68 kDa protein, identified as heavy and light sub-units of neurofilaments (NF-H & NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sy...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[RT-97 NR-4]

Molecular Weight	200 kDa & 68 kDa
UniProt	P12036
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 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