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Product Datasheet

Neurofilament Antibody / Heavy, Clone: [NF421], Unconjugated, Mouse, Monoclonal BYT-ORB248480

Article Name	Neurofilament Antibody / Heavy, Clone: [NF421], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB248480
Supplier Catalog Number	orb248480
Alternative Catalog Number	BYT-ORB248480-20,BYT-ORB248480-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Human recombinant Neurofilament protein was used as the immunogen. (1)
Conjugation	Unconjugated
Product Description	Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68kDa (NF-L), 160kDa (NF-...
Clonality	Monoclonal
Clone Designation	[NF421]

Buffer	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Application Dilute	Western blot: 1-2ug/ml,Flow cytometry: 0.5-1ug/million cells,Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Application Notes	Application Notes: The usable concentrations in the Applications Details are suggestions only. The use of different protocols/secondaries/substrates may require the Neurofilament antibody to be titered for optimal performance. 1. The NF421 antibody is specific to the heavy subunit. 2. FFPE tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. 3. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min