

Rabbit Anti-Neurofilament [EP79]: RM0145

Intended Use: For Research Use Only

Description: Neurofilaments (NF) are members of the intermediate filament protein family. These neuron-specific filaments are the major constituents of the axonal cytoskeleton. NFs are composed of three major proteins: NF-H is the heavy molecular weight protein (200 kDa), NF-M the medium (160 kDa) and NF-L the light protein (68kDa). The NF-L and NF-M mRNAs are detected early in the embryonal brain, with a progressive increase in their levels during development, while the NF-H mRNA is barely detectable at embryonal stages but accumulates later in the postnatal brain. This antibody labels neurons of the central and peripheral nervous system, and is useful for the identification of tumors with neuronal differentiation

Specifications

Clone: EP79
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Neurofilament Concentrated	RM0145	1 ml

IHC Procedure*

Positive Control Tissue: Paraganglioma
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.