

Mouse Monoclonal anti-pan Neurofilaments, Clone 2F11

60-0048; 60-0048-7 61-0048; 61-0048-2; 61-0048-5 Isotype Concentration	6 mL; 7 mL predilute Antibody, Ready-To-Use 1 mL; 0.2 mL; 0.5 mL Concentrate Antibody IgG1 See container label
Intended Use	For In Vitro Diagnostic Use. This product is used to qualitatively detect Neurofilaments (NFs) in normal and neoplastic formalin fixed paraffin embedded tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.
Description	The antibody stains all neurons and axonal process of the central and peripheral nervous system. It is a useful tool for the identification of tumors with neuronal differentiation and Hirschsprung's disease. The antibody is useful in the separation of neuroblastoma and PNET from other small round cell tumors in childhood, which include rhabdomyosarcoma, lymphoblastic leukemia, and small cell osteogenic sarcoma. Among soft tissue neoplasms, neuroblastoma variants, ganglioneuromas,
	paragangliomas, and metastatic neuroendocrine carcinomas are the only lesions that are potentially labeled for NFs. Differential identification is aided by the results from a panel of antibodies, especially antibodies against other types of intermediate filaments.
Reagent provided	This antibody is cell culture supernatant diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN ₃) as antimicrobial agent.
Precautions	For professional users Proper handling of this product as with any product derived from biological sources according to local and applicable regulations. Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however the build-ups of NaN ₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.
Usage	
Dilution	60-0048; 60-0048-7: Ready-To-Use 61-0048; 61-0048-2; 61-0048-5: Dilute 1:30 to 1:60 before use when using Acu-Stain [™] detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.
Staining procedure	Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.
Positive control tissue	Paraganglioma
Epitope retrieval:	Not Required
Staining pattern	Cytoplasmic
Storage	Store at 2-8°C.
References	 Luider TM, et al. J Pediatr Surg 1992; 27:815-819 Van Muijen GNP, et al. Hum Pathol 1985; 16:590-595. Klück P, et al. Lancet. 1984 Mar 24;1(8378):652-4
Symbols	REF LOT IVD Image: Catalog No. Batch No. In Vitro Diagnostic Use Temperature Range Use By

30048 Rev.02



