

Monoclonal Mouse Antibody to Ret Oncoprotein

Catalog No.:	Mob 326, Mob 326-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with recombinant protein encoding the extreme C-terminal cytoplasmic region of the human ret oncoprotein.
Clone:	RET01 (same as 3F8)
Isotype:	IgG1
Format:	This antibody is supplied as culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:10-1:20 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 90 minutes at room temperature. Optimal incubation should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	Ret proto-oncogene encodes a cell surface glycoprotein belonging to a member of the receptor tyrosine kinase family and is located on chromosome 10q11.2. Ret is observed in several regions of the central nervous system: in the developing cranial nerve ganglia, in a subset of cells within dorsal root ganglia, in motor neurons in the spinal cord, and in the hindbrain.
Positive Control:	Small intestine
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Nakamura et al. J Pathol 172: 255, 1994. ii) Nosrat et al. Brain Res 115: 410, 1997. iii) Williams et al. J Pathol 180: 138, 1996.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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