

ENO2

Mouse Anti-Human Neuron Specific Enolase (Clone MRQ-55) mAb

Catalog No.	MON3369	Quantity:	1.0 ml
Alternate Names:	Gamma-enolase, 2-phospho-D-glycerate hydro-lyase, Enolase 2, Neural enolase, Neuron-specific enolase, NSE		
Description:	<p>Neuron-specific enolase (NSE) is the glycolytic isoenzyme of the enolase gamma-gamma dimer specifically detected in neurons of neuroendocrine cells, and their corresponding tumors. In addition, NSE has been demonstrated immunohistochemically in the non-neoplastic cells of the pituitary, peptide secreting tissues, pineolocytes, neuroendocrine cells of the lung, thyroid, parafollicular cells, adrenal medulla, islets of Langerhans, Merkel cells of the skin and melanocytes. Anti-NSE immunostaining is also positive in normal striated muscle, hepatocytes and, to a lesser extent, smooth muscle. Anti-NSE is a useful marker to identify peripheral nerves.⁵ When used for the identification of neuroendocrine differentiation, it is suggested that it be employed in a panel with more specific markers such as anti-synaptophysin, anti-chromogranin, and anti-neurofilament.</p>		
UniProt ID:	P09104		
Specificity:	Human NSE		
Host:	Mouse		
Clone:	MRQ-55		
Isotype:	IgG2b		
Formulation:	Cell culture supernatant diluted in TBS, pH 7.3-7.7 with 1% BSA and 0.05% sodium azide.		
Applications:	IHC-P: suggested dilution 1:50 - 1:200		
Storage & Stability:	Store at 2-8°C up to 1 year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

