

RTN1

Mouse Anti-Human NSP-A and NSP-B (Clone RNL-2) mAb

Catalog No.	MON2095	Quantity:	100 ug
Alternate Names:	Reticulon-1, Neuroendocrine-specific protein		
Description:	<p>Reticulon-1 was formerly designated NSP for Neuroendocrine-Specific-Protein, because it is specifically expressed in neural and neuroendocrine tissues. The NSP-gene has been mapped by fluorescence in situ hybridization to Human chromosome 14q21-q22. The NSP-gene encodes three overlapping proteins, i.e. Reticulon-1A (NSP-A), Reticulon-1B (NSP-B), and Reticulon-1C (NSP-C). These proteins were found to be anchored to membranes of the endoplasmic reticulum through their common carboxyterminal regions. Reticulon-1A is a protein with a molecular weight (MW) of about 135 kDa, which occurs in various isoforms presumably depending on the degree of phosphorylation of serine residues. In lung cancer diagnosis Reticulon-1A appeared to be a reliable marker for the detection of neuroendocrine differentiation, since most of the small cell lung carcinoma (SCLC) and carcinoid tumors showed expression of Reticulon-1A.</p>		
Concentration:	0.1 mg/ml		
Uniprot ID:	Q16799		
Specificity:	NSP-A and NSP-B		
Host:	Mouse		
Immunogen:	Small cell lung cancer cell line NCI-H82		
Isotype:	IgG1		
Clone:	RNL-2		
Formulation:	Purified antibody in PBS containing 0.09% sodium azide		
Applications:	WB, FC, IHC		
Storage & Stability:	Store at 2-8°C for up to 1 year.		

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