

## RTN1

### Mouse Anti-Human NSP-A and NSP-B (Clone RNL-3) mAb

<b>Catalog No.</b>	MON2096	<b>Quantity:</b>	100 ug
<b>Alternate Names:</b>	Reticulon-1, Neuroendocrine-specific protein		
<b>Description:</b>	<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>		
<b>Concentration:</b>	0.1 mg/ml		
<b>UniProt ID:</b>	Q16799		
<b>Specificity:</b>	NSP-A and NSP-B		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Small cell lung cancer cell line NCI-H82.		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	RNL-3		
<b>Formulation:</b>	PBS containing 0.09% sodium azide		
<b>Applications:</b>	WB, FC		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 year.		

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