

# Product Datasheet

## RTN1-A/NSP Antibody (RNL-4) [DyLight 488] NBP1-97673G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97673G**

RTN1-A/NSP Antibody (RNL-4) [DyLight 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	RNL-4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	DyLight 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	6252
Gene Symbol	RTN1
Species	Human, Rat, Porcine
Specificity/Sensitivity	This antibody recognizes an epitope located within the first 20 amino acids of Reticulon-1C (NSP-C). It reacts with peripheral nerves and ganglia of various tissues and cross-reacts with smooth muscle cells and myoepithelium. In the central nervous system it reacts with the neurohypophysis and pars intermedia of the pituitary gland, and a weak diffuse staining was observed in neurons of the granular and molecular layer of the cerebellar cortex, while glial cells, cerebellar medulla and Purkinje cells are negative. Reticulon-1 has been found to indicate neuronal differentiation and to be downregulated in neurological pathologies.
Immunogen	Derived by fusion of SP2/0-Ag14 Mouse myeloma cells, with spleen cells from a BALB/c Mouse immunized with a synthetic peptide encompassing the unique 20 N-terminal amino acid sequence of Reticulon-1C.
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen





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### **Products Related to NBP1-97673G**

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NBP1-97005G	Mouse IgG1 Isotype Control (MG1) [DyLight 488]
NBP1-97673UV	RTN1-A/NSP Antibody (RNL-4) [DyLight 350]
H00006252-P01-10ug	Recombinant Human RTN1-A/NSP GST (N-Term) Protein
7954-GM-010/CF	GM-CSF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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