

Product Datasheet

RTN1-A/NSP Antibody (MON161) - BSA Free NBP1-97678

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-97678

RTN1-A/NSP Antibody (MON161) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MON161
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS, pH 7.2
Product Description	
Description	The antibody is shipped at ambient temperature and may be stored at 4C. For prolonged storage prepare appropriate aliquots and store at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.
Host	Mouse
Gene ID	6252
Gene Symbol	RTN1
Species	Human, Mouse, Rat, Hamster
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	This antibody exclusively recognizes the 135 kD RTN1-A/NSP protein in immunoblots of NCI-H82 and other SCLC cell lines, and stains normal and pathological neural and neuroendocrine tissues. The epitope of MON-161 is located between amino acid residues 174-337 of RTN1-A/NSP.
Immunogen	Derived by fusion of Mouse myeloma cells with spleen cells from a Mouse immunized with a partially purified bacterially expressed Reticulon-1A (NSP-A) hybrid protein.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:50-1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:100, Immunohistochemistry-Frozen 1:50-1:100, CyTOF-ready



Application Notes

This antibody is suitable for immunocytochemistry, immunohistochemistry on frozen and paraffin-embedded tissue, immunoblotting and flow cytometry. Optimal antibody dilution should be determined by titration; recommended range is 1:50 - 1:100 for flow cytometry, and for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:50 - 1:500 for immunoblotting applications.

This antibody is CyTOF ready.





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Products Related to NBP1-97678

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-97678PE	RTN1-A/NSP Antibody (MON161) [PE]

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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