

Product Datasheet

dsRNA Antibody Pack NBP3-11403

Unit Size: 4 Vials

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP3-11403**dsRNA Antibody Pack**

Product Information	
Unit Size	4 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	The lyophilised samples should each be reconstituted with 100 ul sterile distilled water.
Purity	Protein A purified
Buffer	After reconstitution the mAbs will be in PBS without any stabilisers or preservatives at a concentration of 1 mg/ml

Product Description	
Description	This pack contains 1 vial each of: NBP3-11395 (100 ug); NBP3-11396 (100 ug); NBP3-11397 (100 ug). This ds-RNA antibody was manufactured by Scicon.
Species	Multi-Species
Reactivity Notes	Antibodies in this pack are validated for use in the following species: NBP3-11397: Multi-Species NBP3-11395: Multi-Species NBP3-11396: Multi-Species NL007: Mouse
Specificity/Sensitivity	Mouse monoclonal antibodies NBP3-11395, NBP3-11396, and NBP3-11397 recognise double-stranded RNA (dsRNA) provided that the length of the helix is greater than or equal to 40 bp. dsRNA-recognition is independent of the sequence and nucleotide composition of the antigen. All naturally occurring dsRNAs investigated up to now (40-50 species) as well as poly(I).poly(C) and poly(A).poly(U) have been recognised by all three antibodies, although in some assays the affinity of NBP3-11395 and NBP3-11396 to poly(I).poly(C) is about 10 times lower than that to other dsRNA antigens. NBP3-11397 shows higher affinity to poly(I).poly(C) than to the other dsRNA antigens, although the difference of apparent binding constants may vary under different experimental conditions.
Immunogen	Female DBA/2 mice were injected intraperitoneally with a mixture of 50 ug L-dsRNA and 75 ug methylated bovine serum albumin, emulsified in complete Freund's adjuvant. After several boosts spleen cells were fused with Sp2/0-Ag14 myeloma cells to generate the hybridoma clones.
Kit Components	NBP3-11397, NBP3-11395, NBP3-11396, NL007: Donkey anti-Mouse IgG Secondary Antibody [NL557]

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoaffinity Purification
Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoblotting, Immunoaffinity Purification



Application Notes	Antibodies in this pack are validated for the following applications: NBP3-11397: ELISA, Flow Cytometry, Immunoaffinity Purification, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry NBP3-11395: ELISA, Immunoaffinity Purification, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Western Blot NBP3-11396: ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry NL007: Flow Cytometry, Immunocytochemistry, Immunohistochemistry Please note that nucleic acid separation prior to dsRNA-immunoblotting must be carried out by polyacrylamide gel electrophoresis, because the sensitivity of detection is considerably lower after blotting from agarose gels. As a result of the lyophilisation procedure, the reconstituted antibody may contain small amounts of denatured protein in the form of aggregates that may interfere with some applications such as immunohistochemistry (e.g. by giving high backgrounds). We therefore highly recommend centrifuging (microcentrifuge) the reconstituted antibody before use and using the supernatant..
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Products Related to NBP3-11403

NBP3-11395-200ug	dsRNA Antibody (J2) - Azide and BSA Free
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Limitations

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

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