

# Product Datasheet

## dsRNA Antibody (K1) - Azide and BSA Free NBP3-11397-200ug

Unit Size: 200 ug

Store lyophilized antibody at -20C prior to opening. Aliquot reconstituted liquid and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing.

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**NBP3-11397-200ug**

dsRNA Antibody (K1) - Azide and BSA Free

Product Information	
Unit Size	200 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at -20C prior to opening. Aliquot reconstituted liquid and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing.
Clonality	Monoclonal
Clone	K1
Preservative	No Preservative
Reconstitution Instructions	The lyophilised sample should be reconstituted with 200 ul (500 ul for 500 ug size) sterile distilled water. The mAb will then be in PBS without any stabilisers or preservatives at a concentration of 1 mg/ml.
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	Lyophilised from PBS
Product Description	
Description	After reconstitution antibodies should be aliquoted and stored at -20C or -70C. After adding 10 mM sodium azide undiluted antibody can also be stored at 4C for a short period of time. For long term storage the mAb should be kept frozen. Repeated freezing/thawing cycles should be avoided. When kept lyophilized the product will remain stable for at least 5 years at -20C or -70C. This ds-RNA antibody was manufactured by Scicon.
Host	Mouse
Species	Multi-Species
Specificity/Sensitivity	This antibody recognises 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 this antibody.
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 clone.
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**

This antibody can be used for ELISA, dsRNA-immunoblotting, immuno-affinity-chromatography and in certain systems also for immunohistochemistry. The optimum working dilution of the antibody for any specific application should be established by titration.

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.

Not for use for clinical purposes. For in vitro use only.

Immuno-affinity-chromatography





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### **Products Related to NBP3-11397-200ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP3-11403	dsRNA Antibody Pack

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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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