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Product Datasheet

Mouse anti double-stranded RNA (K1)
NMB-10020500

Article Name	Mouse anti double-stranded RNA (K1)
Biozol Catalog Number	NMB-10020500
Supplier Catalog Number	10020500
Alternative Catalog Number	NMB-10020500
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, FC, IAC, ICC, IHC, WB
Product Description	Over the past decade our double-stranded RNA (dsRNA)antibodies have been used extensively to detect and characterise plant and animal viruses with dsRNA genomes or intermediates. In addition, the anti-dsRNA antibodies can be used as a diagnostic tool...
Clonality	Monoclonal
Concentration	Concentration after reconstitution: 1.00 mg/ml as determined by A280 nm (A280 nm = 1.47 corresponds to 1 mg/ml antibody).
Clone Designation	K1
Isotype	IgG2a kappa
Buffer	The mAb K1 recognises double-stranded RNA (dsRNA) provided that the length of the helix is greater than or equal to 40 bp. dsRNArecognition is independent of the sequence and nucleotide composition of the antigen. All naturally occurring dsRNAs investigat

Source	Female DBA/2 mice were injected intraperitonially with a mixture of 50 ug L-dsRNA and 75 ug methylated bovine serum albumin, emulsified in complete Freunds adjuvant. After several boosts spleen cells were fused with Sp2/0-Agl4 myeloma cells to generate th
Purity	Gel electrophoretically pure IgG antibody.
Formula	The lyophilised sample should be reconstituted with 500 µl sterile distilled water. The mAb will then be in PBS without any stabilisers or preservatives at a concentration of 1 mgr/ml. As a result of the lyophilisation procedure, the reconstituted antibo
Application Notes	MAb K1 can be used for ELISA, dsRNA-immunoblotting, immuno-affinity-chromatography and in certain systems also for immunohistochemistry (see references). 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.