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Product Datasheet

Mouse anti double-stranded RNA (K2)

NMB-10030010

Article Name	Mouse anti double-stranded RNA (K2)
Biozol Catalog Number	NMB-10030010
Supplier Catalog Number	10030010
Alternative Catalog Number	NMB-10030010
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ELISA, IB, IF
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	Undiluted hybridoma supernatant
Clone Designation	K2
Isotype	IgM kappa

Buffer	The mAb K2 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 investiga
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
Formula	Culture supernatant (RPMI, 5% fetal calf serum).
Application Notes	MAb K2 is primarily used for a sandwich ELISA to detect and quantitate (after calibration) dsRNA (see Schönborn et al.). For this application it should be diluted 1:2 with PBS. It may also be advantageous to use K2 for immunofluorescence studies. The optimum working dilution of the antibody for any specific application should be established by titration. Not for use for clinical purposes. For in vitro use only.