

## Product Datasheet

### Scicons Mouse anti double-stranded RNA (J2, J5 and K1) Comparison Set (orb1972244)

<b>Catalog Number</b>	orb1972244
<b>Description</b>	Scicons Mouse anti double-stranded RNA (J2, J5 and K1) Comparison Set
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	DOT, ELISA, IAC, ICC, IHC
<b>Form/Appearance</b>	The lyophilised samples should each be reconstituted with 100 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 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.
<b>Concentration</b>	Concentration after reconstitution: 1.00 mg/ml as determined by A280 nm (A280 nm = 1.47 corresponds to 1 mg/ml antibody).
<b>Storage</b>	After reconstitution antibodies should be aliquoted and stored at -20 °C or -70°C. After adding 10 mM sodium azide undiluted antibody can also be stored at +4 °C 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 10 years at -20 °C or -70°C.
<b>Note</b>	For research use only

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<b>Application notes</b>	Mouse monoclonal antibodies J2, J5 and K1 can be used for ELISA, dsRNA-immunoblotting, immunoaffinity chromatography and in certain systems also for immunohistochemistry (see references). The optimum working dilution of each 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.
<b>Isotype</b>	IgG2a, IgG2b, IgG2a
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	J2, J5 and K1
<b>Antibody Type</b>	Primary Antibody
<b>Purity</b>	Gel electrophoretically pure IgG antibody.
<b>Source</b>	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-Agl4 myeloma cells to generate the hybridoma clones.
<b>Expiration Date</b>	12 months from date of receipt.

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