

Description	Monoclonal mouse antibody to horseradish peroxidase						
Product code	MA/PO						
Biological origin	Mouse, clone NI 91						
Mouse isotype	IgG1 κ						
Physical form	Delipidated, heat inactivated, lyophilized, stable whole ascites.						
Immunogen	Highly purified horseradish peroxidase.						
Identity & Specificity	The reactivity of the antiserum is directed to horseradish peroxidase as tested in direct binding enzyme immunoassay, ELISA and immunoblotting.						
Cross-reactivity	This antiserum has not been tested for cross-reactivity.						
Protein concentration	IgG concentration is 1.0 mg/ml. No foreign proteins added.						
Intended use	<p>As a control in the tests where mouse IgG1 (with irrelevant specificity) should be used to show the presence of that given mouse isotype.</p> <p>In indirect tests as reagent to horseradish peroxidase or to potentiate the visualisation of a peroxidase labelled conjugate in the appropriate material. As secondary reagent a labelled anti mouse IgG will serve for the detection. This system can be further be potentiated by the use of anti-FITC or anti-TRITC conjugates.</p> <p>For histochemical use optimum dilutions are mostly from 1:50 to 1:200; in ELISA from 1:500 upwards; in Western blotting from 1:1,000 upwards. These data should be interpreted as general recommendations only.</p>						
Handling	The lyophilized product is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized ascites by adding 0.5 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Avoid repeated thawing and freezing. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product. Diluted ascites should be stored at +4°C, not refrozen, and preferably used the same day.						
Packing	Vial with 0.5 ml lyophilized monoclonal ascites.						
Storage / shelf life	<table><tr><td>Lyophilized at +4°C</td><td>at least 10 years</td></tr><tr><td>reconstituted at or below -20°C</td><td>3-5 years</td></tr><tr><td>reconstituted at +4°C</td><td>7 days</td></tr></table>	Lyophilized at +4°C	at least 10 years	reconstituted at or below -20°C	3-5 years	reconstituted at +4°C	7 days
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reconstituted at +4°C	7 days						
Caution	This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For <i>in vitro</i> research purposes only.						

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