Description	**Purified monoclonal mouse antibody to horseradish peroxidase**
Product code	MA/PO/MAb
Biological origin	Mouse, clone NI 91
Mouse isotype	IgG1κ
Physical form	Purified mouse IgG1κ lyophilized from a solution in phosphate buffered saline (pH 7.2).
Immunogen	Highly purified horseradish peroxidase
Identity & Specificity	The reactivity of the antiserum is directed to horseradish 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 0.4 mg/ml. No foreign proteins added.
Intended use	TAs a control in the tests where mouse IgG1 (with irrelevant specificity) should be used to show the presence of that given mouse isotype. 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. 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.
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 solutions should be stored at +4ºC, not refrozen, and preferably used the same day.
Packing	Vial with 0.5 ml lyophilized monoclonal antibody.
Storage / shelf life	Lyophilized at +4ºC — at least 10 years reconstituted at or below -20°C — 3-5 years 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 *in vitro* research purposes only.

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