

**AM20264HR-N****Monoclonal Antibody to TRITC - HRP**

<b>Alternate names:</b>	Tetramethylrhodamine Isothiocyanate Isomer 1
<b>Quantity:</b>	0.2 mg
<b>Concentration:</b>	0.4 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	NI 308
<b>Immunogen:</b>	Highly purified Tetramethylrhodamine Isothiocyanate isomer R.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Buffer System:</b> PBS, pH 7.2 without foreign proteins. <b>Label:</b> HRP – Horseradish Peroxidase <i>Molar Ratio:</i> Peroxidase/IgG ~1.7 <b>Reconstitution:</b> Restore by adding 0.5 ml sterile distilled water.

**Applications:** To enhance the specific signal obtained with a monoclonal antibody or a polyclonal second antibody conjugated to TRITC. The phenomenon of a weak reaction of a monoclonal antibody is e.g. well known in different analysis of vital peripheral blood mononuclear cells in suspensions by the expression of surface markers. A similar situation exists in solid phase assay systems (ELISA, blotting, DIBA) when used for the identification and /or quantitative determination of minute amounts of soluble specific antigens or antibodies. The sensitivity of the TRITC hapten-anti-hapten system makes it a valuable alternative to the biotin-avidin system.

General Recommended Dilutions:

Histochemical Use: 1/10-1/40

ELISA: from 1/100 upwards.

Western blot: from 1/200 upwards.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** The reactivity of the antiserum is directed to TRITC as tested in direct binding enzyme immunoassay, ELISA and Immunoblotting.  
This antiserum has not been tested for cross-reactivity with other fluorescent compounds.

**Storage:** Store lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer.  
Avoid Repeated thawing and freezing.  
Shelf life: one year from despatch.