

**AM20264PU-N****Monoclonal Antibody to TRITC - Purified**

|                                      |   |
|--------------------------------------|---|
| <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>Recommended Isotype Controls:</b> | AM03095PU-N   |
| <b>Clone:</b>                        | NI 308  |
| <b>Immunogen:</b>                    | Highly purified Tetramethylrhodamine Isothiocyanate isomer R.   |
| <b>Format:</b>                       | <b>State:</b> Lyophilized purified IgG fraction.<br><b>Buffer System:</b> PBS, pH 7.2 without foreign proteins.<br><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 (Incubation times for the antibody are approx. 1 hour).

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.