

AM20264SU-N**Monoclonal Antibody to TRITC - Ascites**

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| Alternate names: | Tetramethylrhodamine Isothiocyanate Isomer 1 |
| Quantity: | 0.5 mg |
| Concentration: | 1.0 mg/ml |
| Host / Isotype: | Mouse / IgG1 |
| Clone: | NI 308 |
| Immunogen: | Highly purified Tetramethylrhodamine Isothiocyanate isomer R. |
| Format: | State: Lyophilized (Delipidated, heat inactivated) stable whole ascites without preservatives and foreign proteins. Reconstitution: 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. <u>General Recommended Dilutions:</u> 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. |