

Monoclonal Antibody to TRITC - Purified

Alternate names:	Tetramethylrhodamine Isothiocyanate Isomer 1
Catalog No.:	AM20264PU-N
Quantity:	0.2 mg
Concentration:	0.4 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	NI 308
Immunogen:	Highly purified Tetramethylrhodamine Isothiocyanate isomer R.
Format:	State: Lyophilized purified IgG fraction. Buffer System: PBS, pH 7.2 without 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.

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.