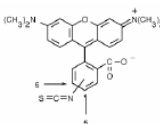
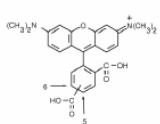


## AM08431PU-N

## Monoclonal Antibody to Rhodamine - Purified

<b>Alternate names:</b>	TAMRA, TRITC, Tetramethyl Rhodamine Isothiocyanate
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Background:</b>	RHODAMINE Monoclonal Antibody specifically detect dyes in the Rhodamine family. Rhodamine is a family member of the fluorone dyes. Examples are Rhodamine 6G and Rhodamine B. They are often used as a tracer dye within water to determine the rate and direction of flow and transport. Rhodamine dyes fluoresce and can thus be detected easily and inexpensively with instruments called fluorometers. Rhodamine dyes are used extensively in biotechnology applications such as fluorescence microscopy, flow cytometry, fluorescence correlation spectroscopy and ELISA.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	AM03095PU-N
<b>Clone:</b>	11H10
<b>Immunogen:</b>	Anti-RHODAMINE Monoclonal Antibody was produced after repeated immunizations of balb/c mice with rhodamine conjugated KLH.
<b>Format:</b>	<b>State:</b> Liquid (sterile filtered) purified Ig fraction <b>Purification:</b> Protein A Chromatography. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 as buffer and 0.01% (w/v) Sodium Azide as preservative.
<b>Applications:</b>	ELISA: 1/30,000. Western blot: 1/1,000-1:10,000. Immunohistochemistry: 1/1,000-1/10,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts specifically with Rhodamine and its derivatives. Rhodamine isomer 5 and isomer 6 are reactive as TAMRA, as well as TRITC conjugated proteins. No reaction is observed against Texas Red.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C or below for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
<b>Pictures:</b>	Left: tetramethylrhodamine-5-(and-6)-isothiocyanate (5(6)-TRITC). Right: 5-(and-6)-Carboxytetramethylrhodamine (5(6)-TAMRA). <div style="display: flex; justify-content: space-around; align-items: center;">   </div>