

**Fluorescein (FITC) conjugated Goat anti-Human IgM (μ chain) Affinity pure
(Minimum cross reactivity with bovine and horse serum proteins)**

Catalog number: SA-9012-15

Description: This affinity pure anti-human IgM (μ chain) was purified from healthy goat immunized with purified rat IgG (H+L). The immunized serum was delipidated and heat inactivated at 56°C before affinity purification. The purified antibody was treated with pH 2.8 for at least 30 minutes.

Size: 1 ml

Antibody Concentration: 1.0 mg/ml

Antibody Concentration: One mg of affinity pure antibody was conjugated with Fluorescein isothiocyanate (FITC); the conjugate was purified on gel filtration column.

Fluorophore: Fluorescein-5-isothiocyanate (FITC isomer1)
Absorbance max. = 495 nm; E max. = 520 nm
A 495 nm / A280 nm =

Intended Use: Immunofluorescence 1:50-1:200
Flow cytometry 1:1,000 1:10,000 (not tested in our lab).
The optimum dilution should be determined by the individual lab.

Storage: Storage: 2-8°C

Buffer: 10 mM phosphate, 150 mM NaCl, pH 7.6, 1 % BSA (IgG and protease free) and 0.05% sodium azide

Immunogen: Purified human IgM μ chain.

Antibody specificity: The antibody was purified on immunoaffinity human IgM column. Using ELISA, this antibody reacts with human IgM and does not react with human IgG or IgA immunoglobulins. This antibody does not cross react with non-immunoglobulin serum proteins. On ELISA this antibody has minimum cross reactivity with bovine and horse serum proteins; but it may cross-react with IgM from other species.

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: This product contains 0.05 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat, gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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