

Product Specifications

Product:	Goat anti-Human IgM (μ chain) - Affinity Pure
Description:	Goat anti-Human IgM (μ chain) - Affinity Pure, FITC Conjugate, min x w/human IgA + IgG
Part Number:	GtxHu-006-EFITC
Concentration:	1.50 mg/ml (E 1% at 280 nm = 13.0)
Amount:	1.0 mg
Conjugate:	Fluorescein-5-isothiocyanate (FITC) A_{max} = 494 nm; E_{max} = 518 nm
Form:	Clear, fluorescent yellow liquid
Purification:	Affinity purified using solid phase Human IgM
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgM, μ chain
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.05% (w/v) Sodium Azide
Storage:	2-8 °C
Shelf Life:	1 year from date of receipt. Prepare working dilution prior to use and then discard.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (μ) chains on human IgM
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin human serum immunoglobulins• light chains on all human immunoglobulins• human IgA or IgG
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Applications:	This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20 - 1:2,000 for most applications

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