

FITC Conjugated Goat Anti Human IgM (H+L)

Product Information

Catalog No.:	FNSA-0097
Size:	500 μ l
Form:	liquid
Purification:	The antibody was affinity isolated.
Fluorophore:	Fluorescein-5-isothiocyanate(FITC) $A_{max}=492nm;E_{max}=520nm$
Fluorophore/Protein:	10.4 μ g/mg; 3.9 moles FITC per mole IgG
Stabilizer:	5mg/ml BSA (IgG-Free, Protease-Free)
Storage:	0.01M Sodium phosphate, 0.25M NaCl, 50% glycerol, pH7.6. -20 $^{\circ}$ C for 24 months , avoid repeated freezing and thawing.

Product Description

Anti-Human IgM is produced in goat using purified human IgM as the immunogen. Affinity isolated antibody is obtained from Anti-Human IgM antiserum by immunospecific purification which removes essentially all goat serum proteins, including immunoglobulins, which do not specifically bind to the m-chain of human IgM. Anti-Human IgM is then conjugated to fluorescein isothiocyanate (FITC), in an alkaline reaction.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP), prior to conjugation. Electrophoresis of the antibody preparation followed by diffusion versus anti-goat IgG and anti-goat whole serum results in single arcs of precipitation.

Application

Tested Application:	IF, Flow cyt
Suggested dilution:	the minimum working dilution was determined to be 1:64 using human peripheral blood lymphocytes.

Note: This product is for research use only, not for diagnostic or therapeutic use.