

FITC Conjugated Rabbit Anti Monkey IgG (H+L)

Product Information

Catalog No.:	FNSA-0098
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-Monkey IgG (whole molecule) is developed in rabbit using purified monkey IgG (rhesus) as the immunogen. Antibody is isolated from rabbit anti-monkey IgG antiserum by immunospecific purification which removes essentially all rabbit serum proteins, including immunoglobulins, which do not specifically bind to monkey IgG. Rabbit anti-Monkey IgG is conjugated to Fluorescein Isothiocyanate (FITC). Free FITC is removed by gel filtration.

Cross-reactivity of the product is determined by immunoelectrophoresis (IEP) and Ouchterlony Double Diffusion (ODD). The antibody shows cross reactivity with baboon and marmoset IgG's. Identity and purity of the antibody is established by immunoelectrophoresis (IEP), prior to conjugation. Electrophoresis of the antibody preparation followed by diffusion versus anti-rabbit IgG and anti-rabbit whole serum result in single arcs of precipitation.

Application

Tested Application:	IF, Flow cyt
Suggested dilution:	A minimum titer of 1:64 was determined by Fluorescent Dot Immunobinding Assay (FDIBA) on a 5 μ g dot of monkey IgG bound to nitrocellulose.

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