

Product Specifications

Product:	Goat anti-Human IgG Fc, F(ab)' ₂ Fragment - Affinity Pure
Description:	Goat anti-Human IgG Fc, F(ab)' ₂ Fragment - Affinity Pure, FITC Conjugate, min x w/bovine, horse, mouse or rabbit serum proteins, mouse IgG1
Part Number:	GtxHu-004-J2FITC
Concentration:	1.50 mg/ml (E 1% at 280 nm = 13.0)
Amount:	0.5 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 IgG
Purity:	> 90% based on SDS-PAGE Small amounts of intact IgG may be present.
Host:	Goat
Immunogen:	Purified Human IgG, Fc fragment
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 (γ) chains on human IgG
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 IgG F(ab)'₂ fragment● mouse IgG1● serum proteins from bovine, horse, mouse, or rabbit
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):

- 1:20 - 1:2,000 for most applications

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