

## Product Specifications

Product:	Goat anti-mouse IgG (H&L), F(ab)'2 fragment - Affinity Pure
Description:	Goat anti-mouse IgG (H&L), F(ab)'2 fragment, min x w/bovine, horse, human, pig or rabbit serum protein
Part Number:	GtxMu-003-J2FITC
Concentration:	1.0 mg/ml (E 1% at 280 nm = 13.0)
Amount:	0.5 mg
Conjugate:	Fluorescein-5-isothiocyanate (FITC) Amax = 494 nm; Emax = 518 nm
Form:	Clear, fluorescent yellow liquid
Purification:	Affinity purified using solid phase Mouse IgG
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Mouse IgG, whole molecule
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
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"><li>● heavy (<math>\gamma</math>) chains on mouse IgG</li><li>● light chains on all mouse immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>● non-immunoglobulin human serum immunoglobulins</li><li>● serum proteins from bovine, horse, human rabbit or swine</li></ul>
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"><li>● 1:20 - 1:2,000 for most applications</li></ul>
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