
Certificate of Analysis

Product:	Goat anti-Mouse IgG (H&L), F(ab) ² Fragment, Biotin Conjugate
Part Number:	GtxMu-003-J2BIO
Lot Number:	77-18-022520
Amount:	0.5 mg of antibody at 1.50 mg/ml (E ^{1%} at 280 nm = 13.0)
Purification:	Antibody was purified using solid phase Mouse IgG. F(ab) ² fragment was prepared by pepsin digestion.
Purity:	Affinity purified antibody is ≥ 90 % based on SDS-PAGE. Small amounts of intact IgG may be present.
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
Preservative:	0.05 % (w/v) Sodium Azide
Storage:	Store undiluted liquid at 2-8 °C. Prepare working dilution prior to use and then discard.
Shelf Life:	1 year from date of receipt
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (γ) chains on Mouse IgG• light chains on all Mouse immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Mouse serum proteins• serum proteins from Bovine, Horse, Human, Rabbit, or Swine
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # GtxMu-003-J2, Lot # 67-70-051419.
Applications:	This conjugate is suitable for use in: ELISA, WB, IHC, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20,000 – 1:500,000 for ELISA/Western blot• 1:500 – 1:5,000 for Immunohistochemistry
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> Not for diagnostic or therapeutic use. Not for human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc.

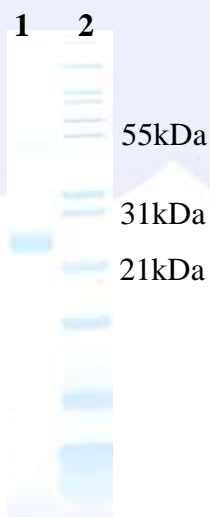
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Mouse IgG (H&L), F(ab)'2 Fragment, Biotin Conjugate
PART NUMBER: GtxMu-003-J2BIO
LOT NUMBER: 77-18-022520

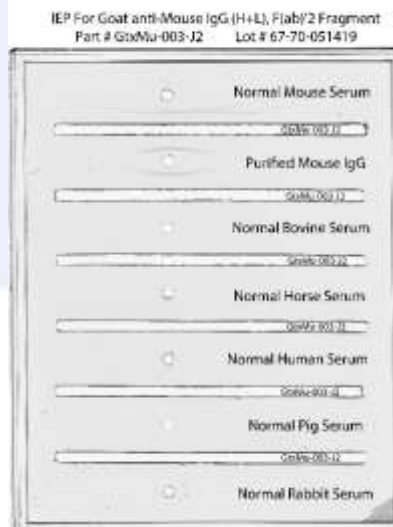
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on Mouse IgG • light chains on all Mouse immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • non-immunoglobulin Mouse serum proteins • serum proteins from Bovine, Horse, Human, Rabbit, or Swine 	PASS PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Mouse IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 1,490,000

SDS-PAGE



- 1) GtxMu-003-J2, Lot # 67-70-051419
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: March 20, 2020

Signature: _____
 Quality Control