
Certificate of Analysis

Product: Goat anti-Mouse IgG (H&L), Affinity Pure

Part Number: GtxMu-003-F2
Lot Number: 69-143-031220
Concentration: 10.0 mg/ml (E^{1%} at 280 nm = 14.0)
Amount: 2.0 mg
Form: Clear, colorless liquid, 0.2 µm filtered
Purification: Affinity purified using solid phase Mouse IgG
Purity: ≥ 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
Preservative: 0.05 % (w/v) Sodium Azide
Storage: 2-8 ° C
Expiration Date: 03-12-2023

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Mouse serum proteins
- IgG from Bovine, Goat, Human, Rabbit or Rat

Based on ELISA, this antibody has <1% reactivity to:

- Rat IgG

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: The optimal working dilution should be determined by the investigator.
Suitable for use in: ELISA, IP, IDA, WB, IHC
Suitable for multiple labeling experiments

Disclaimer: *For in vitro Laboratory Use Only.* 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.

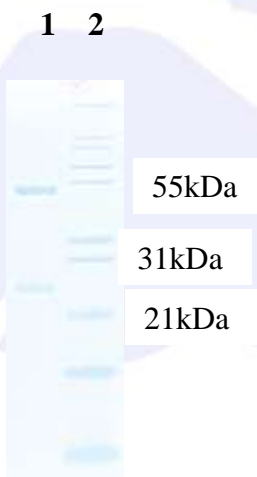
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Testing Results

PRODUCT: Goat anti-Mouse IgG (H&L), Affinity Pure
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and colorless	PASS
Purity:	Two predominant bands at 50 and 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 • Bovine, Goat, Human, Rabbit, or Rat IgG Based on ELISA: <ul style="list-style-type: none"> • Less than 1% percent cross-reactivity to Rat IgG 	PASS PASS PASS

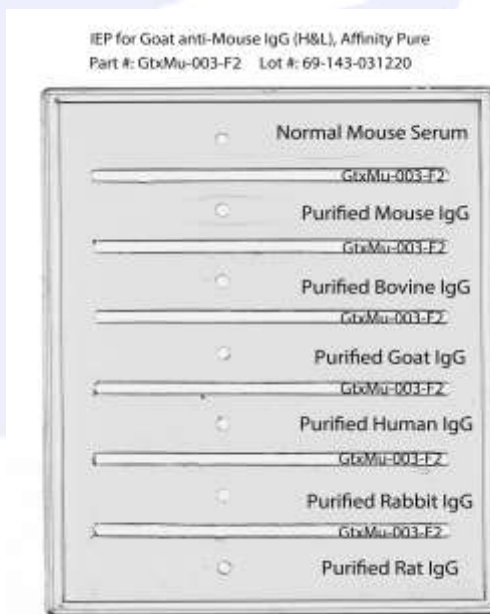
SDS PAGE



- 1) GtxMu-003-F2, Lot # 69-143-031220
- 2) Mol Weight Standard

Date: March 25, 2020

Immuno-electrophoresis (IEP)



Signature: Lee Beardsley, Ph.D.
 Quality Control