

Certificate of Analysis

Product: Goat anti-Mouse IgM (μ chain), Affinity Pure

Part Number: GtxMu-006-E
Lot Number: 41-54-122314
Concentration: 11.6 mg/ml (E^{1%} at 280 nm = 13.0)
Amount: 2.0 mg
Form: Clear, colorless liquid, 0.2 μ m filtered
Purification: Affinity purified using solid phase Mouse IgMk
Purity: \geq 95 % based on SDS-PAGE
Host: Goat
Immunogen: Purified Mouse IgM, 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: August 10, 2024

Specificity: Based on IEP, this antibody reacts with:

- heavy (μ) chains on Mouse IgM

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

- light chains on all Mouse immunoglobulins
- non-immunoglobulin Mouse serum proteins
- Human IgG
- Human serum proteins

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

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF
The optimal working dilution should be determined by the investigator.

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.

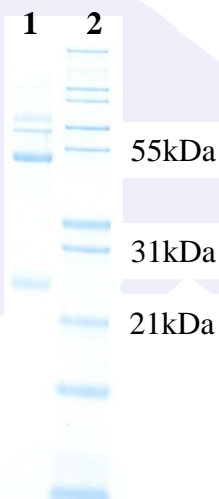
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Mouse IgM (μ chain), Affinity Pure
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	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 (μ) chains on Mouse IgM 	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • light chains on all Mouse immunoglobulins • non-immunoglobulin Mouse serum proteins • Human IgG • Human serum proteins 	PASS PASS PASS PASS

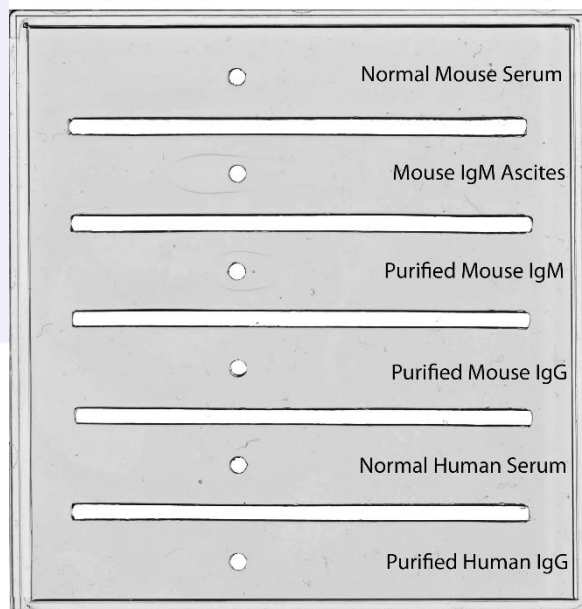
SDS-PAGE



- 1) GtxMu-006-E, Lot # 41-54-122314
- 2) Mol Weight Standard

Immuno-electrophoresis (IEP)

IEP Image for Goat anti-Mouse IgM (μ -chain), Affinity Pure
 Part # GtxMu-006-E Lot # 41-54-122314



Date: August 17, 2021

Signature: _____

Quality Control