
Certificate of Analysis

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| Product: | Goat anti-Mouse IgG (H&L), DyLight® 488 Conjugate |
| Part Number: | GtxMu-003-F488NHSX |
| Lot Number: | 68-59-031319 |
| Amount: | 1.0 mg of lyophilized antibody (E ^{1%} at 280 nm = 13.0) |
| Fluorophore: | DyLight® 488 (Ex = 493 nm; Em = 518 nm) |
| Fluor/Protein Ratio: | 5.1 Moles DyLight® 488 per Mole Antibody |
| Purification: | Antibody was 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 |
| Preservative: | 0.05 % (w/v) Sodium Azide |
| Reconstitution: | Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand for at least 30 minutes at room temperature prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily. |
| Storage: | Store freeze dried powder at 2 - 8 °C. |
| Shelf Life: | Product is stable for up to 4 weeks at 2 - 8 °C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20 °C. |
| 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• Bovine, Goat, Human, Rabbit, or Rat IgG |
| 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-F, Lot # 67-36-022719. |
| Applications: | This conjugate is suitable for use in: FLISA, WB, IF, IM, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20 – 1:2,000 for most applications |
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