

Product Specifications

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| Product: | Goat anti-Human IgE (ε chain) - Affinity Pure |
| Description: | Goat anti-Human IgE (ε chain) - Affinity Pure, DyLight®800 Conjugate |
| Part Number: | GtxHu-002-D800NHSX |
| Concentration: | 1.0 mg/ml (E 1% at 280 nm = 13.0) |
| Amount: | 1.0 mg |
| Conjugate: | DyLight® 800 (Ex = 777 nm; Em = 794 nm) |
| Form: | Lyophilized |
| Purification: | Affinity purified using solid phase Human IgE |
| Purity: | Affinity purified antibody is > 95% based on SDS-PAGE |
| Host: | Goat |
| Immunogen: | Purified Human IgE, (ε) chain |
| 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 and let stand 30 minutes at room temperature to dissolve. 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 (ε) chains on human IgE |
| Cross Reactivity: | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">● non-immunoglobulin human serum immunoglobulins● light chains on all human immunoglobulins |
| 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">● 1:20 - 1:2,000 for most applications |

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