

## Product Specifications

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| Product:           | Goat anti-Rat IgG (H&L) - Affinity Pure  |
| Description:       | Goat anti-Rat IgG (H&L) - Affinity Pure, DyLight®800 Conjugate, min x w/human, mouse IgG   |
| Part Number:       | GtxRt-003-E800NHSX   |
| Concentration:     | 1.0 mg/ml (E 1% at 280 nm = 13.0)  |
| Amount:            | 1.0 mg   |
| Conjugate:         | DyLight® 800 (Ex = 770 nm; Em = 794 nm)  |
| Form:              | Lyophilized  |
| Purification:      | Affinity purified using solid phase Rat IgG  |
| Purity:            | Affinity purified antibody is > 95% based on SDS-PAGE  |
| Host:              | Goat   |
| Immunogen:         | Purified Rat 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 and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) 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"><li>• heavy (γ) chains on rat IgG</li><li>• light chains on all rat immunoglobulins</li></ul>   |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin rat serum proteins</li><li>• IgG from human or mouse</li></ul>  |
| Country of Origin: | Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.   |
| Applications:      | Flow Cytometry<br>Immunofluorescence   |

ELISA

Immunomicroscopy

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