

## Product Specifications

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|--------------------|---|
| Product:           | Goat anti-Rat IgG (H&L), F(ab)'2 Fragment   |
| Description:       | Goat anti-Rat IgG (H&L) - Affinity Pure, F(ab)'2 Fragment, FITC Conjugate, min x w/human, mouse IgG   |
| Part Number:       | GtxRt-003-JFITC   |
| Concentration:     | 1.50 mg/ml (E 1% at 280 nm = 13.0)  |
| Amount:            | 0.5 mg  |
| Conjugate:         | Fluorescein-5-isothiocyanate (FITC) Amax = 494 nm; Emax = 518 nm  |
| Form:              | Clear, fluorescent yellow liquid  |
| Purification:      | Affinity purified using solid phase Rat IgG   |
| Purity:            | > 90% based on SDS-PAGE Small amounts of intact IgG may be present.   |
| 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  |
| Storage:           | 2-8 °C  |
| Shelf Life:        | 1 year from date of receipt. Prepare working dilution prior to use and then discard.  |
| Specificity:       | Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (<math>\gamma</math>) 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<br>ELISA<br>Immunomicroscopy   |
| Disclaimer:        | For <i>in vitro</i> Laboratory Use Only. Not for diagnostic or therapeutic use. Not for human or animal consumption. Suggested applications of our products are not recommendations to use our products in violation of any patent or |

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