

## Product Specifications

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|--------------------|---|
| Product:           | Donkey anti-Sheep IgG (H&L), F(ab)'2 Fragment   |
| Description:       | Donkey anti-Sheep IgG (H&L) - F(ab)'2 Fragment, TRITC Conjugate   |
| Part Number:       | DkxSh-003-GRHOX   |
| Concentration:     | 1.0 mg/ml (E 1% at 280 nm = 13.0)   |
| Amount:            | 0.5 mg  |
| Conjugate:         | Tetramethylrhodamine-5-isothiocyanate (TRITC) Amax = 550 nm; Emax = 570 nm  |
| Form:              | Lyophilized   |
| Purification:      | Affinity purified using solid phase Sheep IgG   |
| Purity:            | > 90% based on SDS-PAGE Small amounts of intact IgG may be present.   |
| Host:              | Donkey  |
| Immunogen:         | Purified Sheep 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 0.55 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:           | 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 sheep IgG</li><li>• light chains on all sheep immunoglobulins</li></ul>  |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin sheep serum proteins</li></ul>   |
| Country of Origin: | Donkey 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   |

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