

## 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, DyLight®800 Conjugate   |
| Part Number:       | DkxSh-003-G800NHSX  |
| Concentration:     | 1.0 mg/ml (E 1% at 280 nm = 13.0)   |
| Amount:            | 0.5 mg  |
| Conjugate:         | DyLight® 800 (Ex = 770 nm; Em = 794 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:           | 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 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   |

Immunomicroscopy

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