

## 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, FITC Conjugate   |
| Part Number:       | DkxSh-003-GFITC  |
| Concentration:     | 1.5 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 Sheep IgG  |
| Purity:            | Affinity purified antibody is > 95% based on SDS-PAGE  |
| 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   |
| 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:      | 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"><li>● 1:20 - 1:2,000 for most applications</li></ul>                                    |
| Disclaimer:        | For <i>in vitro</i> Laboratory Use Only. Not intended 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 as a license under any patent of ImmunoReagents, Inc. |

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