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## Product Specifications

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| <b>VWR Part Number:</b>                     | <b>IR2918</b>                                                                                                                                                                                                                                                                        |
| <b>ImmunoReagents, Inc. Part Number:</b>    | GtxMu-003-D680NHSX                                                                                                                                                                                                                                                                   |
| <b>Product:</b>                             | GOAT ANTI-MOUSE IGG (H+L) AFFINITY PURE                                                                                                                                                                                                                                              |
| <b>Concentration:</b>                       | 1.0 mg/ml (E 1% at 280 nm = 13.0)                                                                                                                                                                                                                                                    |
| <b>Amount:</b>                              | 1.0 mg                                                                                                                                                                                                                                                                               |
| <b>Conjugate:</b>                           | DyLight® 680 (Ex = 682 nm; Em = 715 nm)                                                                                                                                                                                                                                              |
| <b>Form:</b>                                | Lyophilized                                                                                                                                                                                                                                                                          |
| <b>Purification:</b>                        | Affinity purified using solid phase Mouse IgG                                                                                                                                                                                                                                        |
| <b>Purity:</b>                              | Affinity purified antibody is > 95% based on SDS-PAGE                                                                                                                                                                                                                                |
| <b>Host:</b>                                | Goat                                                                                                                                                                                                                                                                                 |
| <b>Immunogen:</b>                           | Purified Mouse IgG, whole molecule                                                                                                                                                                                                                                                   |
| <b>Buffer:</b><br>Protease/IgG free         | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA,                                                                                                                                                                                                               |
| <b>Storage:</b>                             | Store freeze-dried powder at 2-8 °C.                                                                                                                                                                                                                                                 |
| <b>Shelf Life:</b>                          | 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.                                                                                                                          |
| <b>Specificity:</b>                         | Based on IEP, this antibody reacts with: · heavy (?) chains on mouse IgG · light chains on all mouse immunoglobulins                                                                                                                                                                 |
| <b>Cross Reactivity:</b><br>immunoglobulins | Based on IEP, no reactivity is observed to: · non-immunoglobulin mouse serum                                                                                                                                                                                                         |
| <b>Country of Origin:</b>                   | Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.                                                                                                                                                                           |
| <b>Applications:</b>                        | This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(?): · 1:20 - 1:2,000 for most applications                                                                    |
| <b>Disclaimer:</b>                          | For in vitro 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 as a license under any patent of ImmunoReagents, Inc. |

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