



Product Information Sheet

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| Product Name: | Rabbit Anti-Goat IgG (H+L), Hilyte Fluor™ 647-labeled |
| Catalog Number: | 28168-05-H647 |
| Size: | 0.5 mg |
| Concentration: | 1 mg/mL |
| Degree of Substitution: (DOS) | Dye/protein mole ratio is labeled on each vial. |
| Fluorescence: | Near-infrared fluorescence. Excitation/Emission wavelength= 649 nm/ 674 nm |
| Storage buffer: | 10 mM phosphate, 150 mM NaCl, pH 7.2, with BSA and 2 mM sodium azide as preservatives. |
| Storage: | The dye-protein conjugate is stable for 2~3 months at 4°C. For long-term storage, divide the solution into aliquots and store at -20°C or add an equal volume of glycerol (ACS grade or higher) and store the solution at -20°C without aliquoting. Avoid multiple thaw-freeze cycles. The product is stable for 1 year at -20°C. |
| Instructions: | The recommended concentration for most immunofluorescent staining is 0.1-10 µg/mL. If the non-specific binding background is high, you may decrease the concentration to minimize the background. You may also centrifuge the conjugate briefly and use the supernatant only for staining. This Ig G has minimal cross-reaction to human serum proteins. |

For *in vitro* research use only