

PRODUCT DATA SHEET

Goat Anti-Rabbit IgG, DyLight™ 680

Product Number: 35568

Lot Number: AC409597

Description: Goat Anti-Rabbit IgG (H&L), DyLight™ 680 Conjugated

Antibody Preparation: This antibody has been isolated from antisera by immunoaffinity chromatography using antigen coupled to agarose beads.

Form: The Goat Anti-Rabbit, DyLight™ 680 conjugate is supplied as a dark green colored liquid at a concentration of 1 mg/ml in 100 mM phosphate buffered saline, pH 7.2, containing 1% BSA and 0.02% sodium azide.

Volume: 1 ml

Concentration: 1 mg/ml

Specificity: This antibody reacts with heavy chains of rabbit IgG and with light chains of most rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Application Notes: The Goat Anti-Rabbit, DyLight™ 680 antibody conjugate can be used in immunofluorescence microscopy, fluorescence plate-based assays, fluorescent western blotting, immunohistochemistry, arrays and is suitable for multiplex labeling experiments.

Suggested working dilutions of Goat Anti-Rabbit, DyLight™ 680 for use in these assays:

| | |
|---|--|
| Immunofluorescence: | 1:200-1:2000 |
| Immunohistochemistry: | 1:200-1:1000 |
| Fluorescent Western Blotting: | 1:10,500-1:20,000 (recommended 1:15,000) |
| Fluorescence-based plate assays: | 1:100-1:250 (recommended 1:100) |
| Arrays: | 1:5,000-1:10,000 (recommended 1:7,500) |

Instrumentation Compatibility: The emission spectra for DyLight™ 680 conjugate match the principal output wavelengths of most common fluorescence instrumentation.

Mole Dye/Mole Protein Ratio: 3

Excitation and Emission Values

| Excitation (nm) | Emission (nm) |
|------------------------|------------------------|
| 682 ± 4 nm(in PBS) | 715 ± 4 nm(in PBS) |
| 692 ± 4 nm(in Ethanol) | 712 ± 4 nm(in Ethanol) |

Stability: One year from date of product receipt

Storage: Store at 4°C

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