Anti-rabbit IgG (H+L) (DyLight™ 680 Conjugate)

Product Usage Information
The optimal dilution of the anti-species antibody should be determined by the user. However, the final dilutions below should yield acceptable results for the respective applications.

Fluorescent western blotting: 1:15000
In-Cell Western: 1:500

Storage
Supplied in 100 mM PBS, pH 7.2, containing 1% BSA and 0.02% sodium azide. Store at 4°C. Protect from light. Do not freeze.

Specificity / Sensitivity
Anti-rabbit IgG (H+L) (DyLight™ 680 Conjugate) reacts with heavy and light chain of most rabbit immunoglobulins. No cross-reactivity to other serum proteins has been detected. This antibody may cross-react with immunoglobulins from other species.

Source / Purification
This antibody is prepared from goat antibodies and purified by immunoaffinity chromatography using antigen coupled to agarose beads.

Product Description
Anti-rabbit IgG (H+L) was conjugated to DyLight™ 680 fluorescent dye under optimal conditions and formulated at 1 mg/ml. Excitation is 684 nm and peak fluorescence emission is 715 nm.

Background
Near infrared anti-species IgG conjugates are ideal for fluorescent western blotting and In-Cell Western. Cell Signaling Technology's strict quality control procedures assure that each conjugate provides optimal specificity and fluorescence.

This product has been optimized for use as a secondary antibody in fluorescent western blotting and In-Cell Western™.

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

APPLICATIONS KEY

CROSS-REACTIVITY KEY

IMPORTANT: For western blots, we recommend incubating the membrane with diluted antibody at 4°C with gentle shaking overnight. Please refer to the product-specific protocol for our antibody diluent recommendation.

Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. DyLight is a trademark of Thermo Fisher Scientific, Inc. and its subsidiaries. LI-COR is a registered trademark of LI-COR, Inc. Odyssey is a registered trademark of LI-COR, Inc.