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Anti-mouse IgG (H+L) (DyLight® 800 4X PEG Conjugate)

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W-F, ICW	Reactivity: M	Source/Isotype: Goat
Product Usage Information	<p>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.</p> <p>Fluorescent western blotting: 1:15000</p> <p>In-Cell Western: 1:2000</p>	
Storage	<p>Proprietary buffer. Store at 4°C. Protect from Light. <i>Do not freeze.</i> This product is stable for 24 months when stored at 4°C.</p>	
Specificity/Sensitivity	<p>Anti-mouse IgG (H+L) (DyLight® 800 4X PEG Conjugate) reacts with the heavy and light chains of most mouse immunoglobulins. No cross-reactivity to other serum proteins has been detected. This antibody conjugate may cross-react with immunoglobulins from other species.</p>	
Source / Purification	<p>This antibody is prepared from goat antibodies and purified by immunoaffinity chromatography using antigen coupled to agarose beads.</p>	
Description	<p>Anti-mouse IgG (H+L) was conjugated to DyLight® 800 4X PEG fluorescent dye under optimal conditions and formulated at 1 mg/ml. Excitation is 777 nm and peak fluorescence emission is 794 nm.</p>	
Background	<p>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.</p> <p>This product has been optimized for use as a secondary antibody in fluorescent western blotting and In-Cell Western™.</p>	

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

Applications Key **W-F:** Fluorescent Western **ICW:** In-Cell Western Compatible

Cross-Reactivity Key **M:** Mouse

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