

Store at +4°C  
#5470

## Anti-mouse IgG (H+L) (DyLight 680 Conjugate)



**Cell Signaling**  
TECHNOLOGY®

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

Applications: W-F, ICW	Reactivity: M	Source/Isotype: Goat
<b>Product Usage Information</b>	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: 1:1000	
<b>Storage</b>	Supplied in 100 mM PBS, pH 7.2, containing 1% BSA and 0.02% sodium azide. Store at 4°C. Protect from Light. <i>Do not freeze.</i>	
<b>Specificity / Sensitivity</b>	Anti-mouse IgG (H+L) (DyLight 680 Conjugate) reacts with heavy and light chain of most mouse immunoglobulins. No cross-reactivity to other serum proteins has been detected. This antibody may cross-react with immunoglobulins from other species.	
<b>Source / Purification</b>	This antibody is prepared from goat antibodies and purified by immunoaffinity chromatography using antigen coupled to agarose beads.	
<b>Product Description</b>	Anti-mouse 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.	
<b>Background</b>	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™.	
<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).	
<b>Applications Key</b>	<b>W-F:</b> Fluorescent Western <b>ICW:</b> In-Cell Western Compatible	
<b>Cross-Reactivity Key</b>	<b>H:</b> human <b>M:</b> mouse <b>R:</b> rat <b>Hm:</b> hamster <b>Mk:</b> monkey <b>Vir:</b> virus <b>Mi:</b> mink <b>C:</b> chicken <b>Dm:</b> D. melanogaster <b>X:</b> Xenopus <b>Z:</b> zebrafish <b>B:</b> bovine <b>Dg:</b> dog <b>Pg:</b> pig <b>Sc:</b> S. cerevisiae <b>Ce:</b> C. elegans <b>Hr:</b> horse <b>GP:</b> Guinea Pig <b>Rab:</b> rabbit <b>All:</b> all species expected	
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