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#5257

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

**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Source/Isotype:**  
Goat

### 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: 1:2000

### Storage

Proprietary buffer. Store at 4°C. Protect from Light. *Do not freeze.*

### Specificity / Sensitivity

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 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-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.

### 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).

**IMPORTANT:** For primary antibodies recommended for western blotting applications, we recommend incubating the membrane with diluted antibody at 4°C with gentle shaking overnight. Please refer to the western blot protocol found on the product web page for the antibody-specific diluent recommendation.

**APPLICATIONS KEY** WB: Western Blot IP: Immunoprecipitation IHC: Immunohistochemistry ChIP: Chromatin Immunoprecipitation IF: Immunofluorescence F: Flow Cytometry E-P: ELISA-Peptide

**CROSS-REACTIVITY KEY** H: human M: mouse R: rat Hm: hamster Mk: monkey MI: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Cø: C. elegans Hr: horse All: all species expected

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### Limited Uses

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