



## Goat Anti-Mouse IgG, DyLight™ 488

**Product Number:** 35502

**Lot Number:** IA112387

**Description:** Goat Anti-Mouse IgG (H&L), DyLight™ 488 Conjugated

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

**Form:** The Goat Anti-Mouse, DyLight™ 488 conjugate is supplied as a yellow 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. Fluorescence peak is 493 nm (green).

**Volume:** 1 ml

**Concentration:** 1 mg/ml

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

**Application:** The antibody can be used in immunofluorescence, coated plate-based assays and Western blotting, flow cytometry and arrays.

Suggested working dilutions of Goat Anti-Mouse, DyLight™ 488 for use in these assays:

**Immunofluorescence:** 1:50 - 1:100  
**Western Blotting and Arrays:** 1:7500 -1:15,000 (recommended 1:10,000)  
**Coated Plate Base Assays:** 1:100-1:250  
**Flow Cytometry:** 1:25

**Mole Dye/Mole Protein Ratio:** 5

### Excitation and Emission Values

Excitation (nm)	Emission (nm)
493 (in PBS)	518 (in PBS)

**Stability:** One year from date of product receipt

**Storage:** Store at 4°C