

**DyLight™ 649 Goat anti-mouse IgG (minimal x-reactivity)**

**Catalog # / Size:** 2626560 / 100 µg  
**Clone:** Poly4053  
**Isotype:** Goat IgG  
**Reactivity:** Mouse  
**Preparation:** The antibody was purified by affinity chromatography, and conjugated with DyLight™ 649 under optimal conditions.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).  
**Concentration:** 0.5

**Applications:**

**Applications:** Immunofluorescence

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.25$  microg per  $10^6$  cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* DyLight™ 649 has a maximum absorption of 655nm and a maximum emission of 670nm (similar to Alexa Fluor® 647 and APC).

**Application Notes:** This polyclonal goat anti-mouse IgG antibody is useful for capture or detection of mouse IgG in ELISA.

**Application References:** 1. Scotta, C, *et al.* 2008. *J. Immunol.* 181:1025. [PubMed](#)

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**Description:** This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light ( $\kappa$  and  $\lambda$ ) chains common to most mouse immunoglobulins. No cross-reactivity has been detected against non-immunoglobulin serum proteins. This antibody has been solid-phase absorbed to ensure minimal cross-reaction with rat, human, bovine, horse, and rabbit immunoglobulins, but it may have minimal cross-reaction with other subclasses of mouse immunoglobulins.