

Dylight 488, Goat Anti-Rabbit IgG (BL-50069)

Product information

Product name	Dylight 488, Goat Anti-Rabbit IgG (BL-50069)
Immunogen	Rabbit IgG whole molecule
Host	Goat
Reactivity	Rabbit
Applications	FCM, ICC, IF
Application notes	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting 1:50-1:1,000 dilutions for most fluorescent applications.
Clonality	Polyclonal
Isotype	Goat IgG
Purification	Affinity purified using solid phase Rabbit IgG (H&L) with finally > 95% purity based on SDS-PAGE.
Conjugate	Dylight 488

Properties

Formulation	Liquid solution
Storage buffer	Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative, 1% BSA as stabilizer and 50% Glycerol.
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze/thaw cycle.
Shipped at 4°C.	Shipped at 4°C.

Background

DyLight fluorescent dyes are a new family of dyes with improved brightness and photostability. They are better than or comparable to the best fluorescent dyes from other companies. The detection level of any fluorophore-antibody conjugate depends on brightness and photostability of the dye; antibody activity, specificity, and cross-reactivity; and the optimal moles of dye per antibody. A molar saturation curve vs fluorescence intensity, antibody activity, background level, and/or other parameters has been established for each dye to optimize the level of antibody detection and minimize background. DyLight fluorescent dyes are highly water soluble and remain fluorescent from pH 4 to pH 9.