

IgG (H&L) Secondary Antibody

Donkey anti-Rat IgG (H&L) - Affinity Pure, DyLight488 Conjugate

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA79068	Donkey	Rat.Cross Reactivity: Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins	ELISA, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

IgG (H&L); Donkey anti-Rat IgG (H&L) - Affinity Pure; DyLight488 Conjugate; Donkey anti-Rat IgG (H&L); Affinity Pure; IgG (H&L) secondary antibody

PRODUCT SPECIFICATIONS

Host	Donkey
Reactivity	Rat. Cross Reactivity: Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins
Specificity	Based on IEP, this antibody reacts with: heavy (gamma) chains on rat IgG, light chains on all rat immunoglobulins
Purity/Purification	Affinity purified antibody is > 95% based on SDS-PAGE Affinity purified using solid phase Rat IgG.
Form/Format	Lyophilized
Concentration	1 mg/ml (E 1% at 280 nm = 13.0) (varies by lot)
Applicable Applications for IgG (H&L) secondary antibody	EM (Immunoelectron Microscopy), ELISA, IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Conjugate	DyLight 488 (Ex = 493 nm; Em = 518 nm)
Immunogen	Purified Rat IgG, whole molecule
Buffer	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative	0.05% (w/v) Sodium Azide
Reconstitution	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Country of Origin	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Preparation and Storage	Store freeze-dried powder at 2-8 degree C. Shelf Life: Product is stable for up to 4 weeks at 2-8 degree C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for IgG (H&L) secondary antibody	Secondary Antibodies
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.