

Product Specifications

Product:	Donkey anti-Rat IgG (H&L), Affinity Pure
Description:	Donkey anti-Rat IgG (H&L) - Affinity Pure, DyLight®594 Conjugate, min x w/bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit or sheep IgG
Part Number:	DkxRt-003-F594NHSX
Concentration:	1 mg/ml (E 1% at 280 nm = 13.0)
Amount:	1.0 mg
Conjugate:	DyLight® 594 (Ex = 593 nm; Em = 618 nm)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Rat IgG
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Donkey
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.
Storage:	Store freeze-dried powder at 2-8 °C.
Shelf Life:	Product is stable for up to 4 weeks at 2-8°C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20°C.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">● heavy (γ) chains on rat IgG● light chains on all rat immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">● non-immunoglobulin rat serum proteins● serum proteins from human or rabbit● IgG from bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit or sheep
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Applications:	This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal

working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:20 - 1:2,000 for most applications

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