

## Product Specifications

Product:	Goat anti-Human IgG (H&L) - Affinity Pure
Description:	Goat anti-Human IgG (H&L) - Affinity Pure, DyLight®488 Conjugate, min x w/bovine, mouse, rabbit serum
Part Number:	GtxHu-003-E488NHSX
Concentration:	1.0 mg/ml (E 1% at 280 nm = 13.0)
Amount:	1.0 mg
Conjugate:	DyLight® 488 (Ex = 493 nm; Em = 518 nm)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Human IgG
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human 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. (Product has been overfilled to ensure complete recovery.) 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"><li>• heavy (γ) chains on human IgG</li><li>• light chains on all human immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin human serum immunoglobulins</li><li>• serum proteins from bovine, mouse or rabbit</li></ul>
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Applications:	Flow Cytometry Immunofluorescence

ELISA

Immunomicroscopy

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