

## Product Specifications

Product:	Goat anti-Human IgA ( $\alpha$ chain) - Affinity Pure
Description:	Goat anti-Human IgA ( $\alpha$ chain) - Affinity Pure, DyLight®800 Conjugate
Part Number:	GtxHu-001-D800NHSX
Concentration:	1.0 mg/ml (E 1% at 280 nm = 13.0)
Amount:	1.0 mg
Conjugate:	DyLight® 800 (Ex = 777 nm; Em = 794 nm)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Human IgA
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgA, ( $\alpha$ chain)
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"><li>● heavy (<math>\alpha</math>) chains on human IgA</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>● light chains on all human immunoglobulins</li></ul>
Country of Origin:	Goat 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): <ul style="list-style-type: none"><li>● 1:20 - 1:2,000 for most applications</li></ul>

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