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## Datasheet for ABIN6698893 Goat anti-Armenian Hamster IgG Antibody (DyLight 680) -Preadsorbed



Overview

Quantity:	100 µg
Target:	lgG
Reactivity:	Golden Syrian Hamster, Armenian Hamster
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 680
Application:	FLISA, Fluorescence Microscopy (FM)

## Product Details

Immunogen:	Immunogen: Armenian and Golden Syrian Hamster IgG, whole molecule
lsotype:	lgG
Characteristics:	Synonyms: goat anti-Golden Syrian & Armenian Hamster IgG DyLight <sup>™</sup> 680 conjugated antibody, goat anti-Hamster IgG DyLight <sup>™</sup> 680 conjugated antibody Background: Anti-Golden Syrian & Armenian Hamster IgG DyLight Antibody generated in goat detects Golden Syrian & Armenian Hamster IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
	Secondary Antibodies are available in a variety of formats and conjugate types. When choosing

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Product Details	
	a secondary antibody product, consideration must be given to species and immunoglobulin
	specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-
	species source and fragment composition.
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	3.1
Target Details	
Target:	lgG
Abstract:	IgG Products
Target Type:	Antibody
Application Details	
Application Notes:	Application Note: The emission spectra for this DyLight™ conjugate match the principle outpu
	wavelengths of most common fluorescence instrumentation. This product is designed for
	immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent
	western blotting. This product is also suitable for multiplex analysis, including multicolor
	imaging, utilizing various commercial platforms.
	FLISA Dilution: >1:10,000
	IF Microscopy Dilution: >1:5,000
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL
	Reconstitution Buffer: Restore with deionized water (or equivalent)
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
	Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
	0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

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## Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear
Expiry Date:	after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.