

Datasheet for ABIN6698894

Goat anti-Armenian Hamster IgG Antibody (DyLight 800) - Preadsorbed



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1 Image

Overview

Quantity:	100 µg
Target:	IgG
Reactivity:	Golden Syrian Hamster, Armenian Hamster
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 800
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Armenian and Golden Syrian Hamster IgG, whole molecule
Isotype:	IgG
Characteristics:	<p>Synonyms: goat anti-Golden Syrian & Armenian Hamster IgG DyLight™800 conjugated antibody, goat anti-Hamster IgG DyLight™ 800 conjugated antibody</p> <p>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.</p> <p>Secondary Antibodies are available in a variety of formats and conjugate types. When choosing</p>

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: 1.9

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: Application Note: The emission spectra for this DyLight™ conjugate match the principle output 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: >1:20,000

Western Blot Dilution: 1:10,000-1:25,000

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

Handling

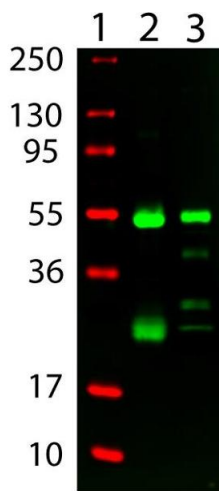
should be handled by trained staff only.

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 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.

Expiry Date: 12 months

Images



Western Blotting

Image 1. DyLight™ 800 Goat Anti Golden Syrian & Armenian Hamster IgG (H&L) Antibody - Western Blot. Western Blot showing detection of Golden Syrian Hamster IgG (Lane 2) and Armenian Hamster IgG (Lane 3) was run on a 4-20% gel and transferred to 0.45 µm nitrocellulose. After blocking with 5% Biotin 30 min at 20°C, Anti-Golden Syrian & Armenian Hamster IgG (H&L) (GOAT) Antibody 800 Conjugated secondary antibody was used at 1:5000 in Blocking Buffer for Fluorescent Western Blotting and imaged on the LiCor Odyssey imaging system. Molecular weight markers are in lane 1.