

Datasheet for ABIN6698876

## Donkey anti-Goat IgG Antibody (DyLight 680) - Preadsorbed



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	IgG
Reactivity:	Goat
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	DyLight 680
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

#### Product Details

Purpose:	Goat IgG (H&L) Antibody DyLight™ 680 Conjugated Pre-Adsorbed
Immunogen:	Goat IgG whole molecule
Isotype:	IgG
Cross-Reactivity (Details):	Minimal crossreactivity against Ch GP Ham Hs Ms Rb & Rt Serum Proteins
Characteristics:	Donkey anti-Goat IgG Antibody DyLight™ 680 Conjugated Pre-Adsorbed, Donkey anti-Goat IgG DyLight™ 680 Conjugated Antibody, Anti-Goat IgG DyLight Antibody generated in donkey detects goat IgG.
Purification:	Preadsorption: Pre-Adsorbed
Labeling Ratio:	3.4

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	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 opsonization 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.

## Application Details

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Application Notes:	FLISA_Dilution: >1:20,000 IF_Microscopy_Dilution: >1:5,000 Western_Blott_Dilution: >1:10,000 Other: User Optimized
Comment:	Anti-Goat IgG DyLight 680 Antibody has been tested by western blot. 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. The emission spectra for this DyLight™ conjugate match the principle output wavelengths of most common fluorescence instrumentation.
Restrictions:	For Research Use only

## Handling

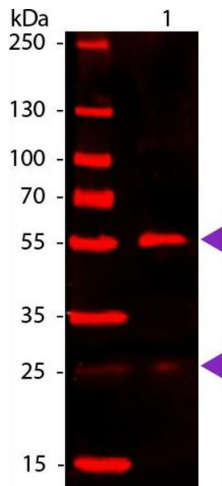
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Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free, 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide

## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store conjugated secondary antibody 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. Conjugated Secondary Antibody 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.** WB - Goat IgG (H&L) Antibody 680 Conjugated Pre-Adsorbed Western Blot of Donkey anti-Goat IgG Pre-Adsorbed 680 Conjugated Secondary Antibody. Lane 1: Goat IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: 680 goat secondary antibody at 1:5,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Goat IgG. Other band(s): None.