

Datasheet for ABIN6698882

Donkey anti-Goat IgG Antibody (DyLight 800) - Preadsorbed[Go to Product page](#)**2** Publications

Overview

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

Product Details

Purpose:	Goat IgG (H&L) Antibody DyLight™ 800 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™ 800 Conjugated Pre-Adsorbed, Donkey anti-Goat IgG DyLight™ 800 Conjugated Antibody, Anti-Goat IgG DyLight Antibody generated in donkey detects goat IgG.
Purification:	Preadsorption: Pre-Adsorbed
Labeling Ratio:	2.6

Target Details

Target:	IgG
Abstract:	IgG Products
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 complement 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

Application Notes:	FLISA_Dilution: >1:20,000 IF_Microscopy_Dilution: >1:5,000 Western_Blott_Dilution: >1:10,000 Other: User Optimized
Comment:	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. Suggested Applications: IF, WB
Restrictions:	For Research Use only

Handling

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

Publications

Product cited in:	<p>Coleman, Maile, Jones, Cairns, Crews: "HMGB1/IL-1β complexes in plasma microvesicles modulate immune responses to burn injury." in: PLoS ONE, Vol. 13, Issue 3, pp. e0195335, (2018) (PubMed).</p> <p>Ward, Maselko, Lupfer, Prescott, Pastey: "Interaction of the Human Respiratory Syncytial Virus matrix protein with cellular adaptor protein complex 3 plays a critical role in trafficking." in: PLoS ONE, Vol. 12, Issue 10, pp. e0184629, (2017) (PubMed).</p>
-------------------	--