

Datasheet for ABIN6699034

Donkey anti-Mouse IgG Antibody (DyLight 680) - Preadsorbed[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Mouse IgG (H&L) Antibody DyLight™ 680 Conjugated Pre-Adsorbed
Immunogen:	Mouse IgG whole molecule
Isotype:	IgG
Cross-Reactivity (Details):	Minimal crossreactivity against Bv Ch Gt GP Ham Hs Hu Rb Rt & Sh Serum Proteins
Characteristics:	Donkey anti-Mouse IgG DyLight 680™ Conjugated Antibody, Donkey anti Mouse IgG Antibody DyLight 680™ Conjugation, Anti-Mouse IgG DyLight680 Antibody generated in donkey detects reactivity to Mouse IgG.
Purification:	Preadsorption: Pre-Adsorbed
Labeling Ratio:	2.0

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	<p>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 the Heavy and Light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing 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.</p>

Application Details

Application Notes:	<p>FLISA_Dilution: >1:20,000 IF_Microscopy_Dilution: >1:5,000 Western_Blot_Dilution: >1:10,000 Other: User Optimized</p>
Comment:	<p>Anti-Mouse IgG DyLight680 Antibody has been tested by ELISA and dot blot and 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.</p> <p>Suggested Applications: IF, WB</p>
Restrictions:	For Research Use only

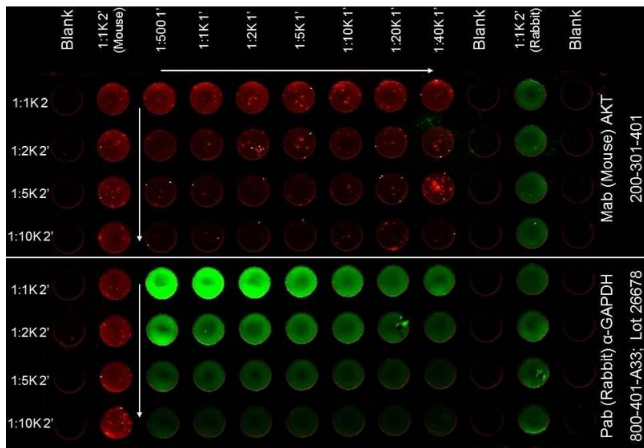
Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)</p>

Handling

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
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



ELISA

Image 1. ELISA - Mouse IgG (H&L) Antibody 680 Conjugated Pre-Adsorbed ELISA of 680 Conjugated Donkey Anti-Mouse Secondary Antibody. Antigen: HCT-116 cell line. Coating amount: Confluent in the 96 well plate. Primary antibody: AKT or GAPDH antibody at 2 µg/mL. Dilution series: Primary and Secondary Antibodies 2-fold. Mid-point concentration: N/A. Secondary antibody: 680 donkey secondary antibody and 800 goat secondary antibody starting at 1:1,000. Substrate: None.