

Datasheet for ABIN6699161

Goat anti-Rat IgG Antibody (DyLight 680)[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Rat IgG (H&L) Antibody Dylight™ 680 Conjugated
Immunogen:	Rat IgG, whole molecule
Isotype:	IgG
Characteristics:	Goat Anti-Rat IgG DyLight 680™ Conjugated Antibody, Goat Anti-Rat IgG Antibody DyLight 680™ Conjugation,
Purification:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by conjugation to fluorochrome and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgG and Rat Serum. This antibody will react with heavy chains of Rat IgG and with light chains of most Rat immunoglobulins.
Labeling Ratio:	3.0

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: FLISA_Dilution: >1:20,000
IF_Microscopy_Dilution: >1:5,000
Western_Blots_Dilution: >1:10,000
Other: User Optimized

Comment: 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. Anti-Rat IgG DyLight™ 680 has been tested by western blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. The emission spectra for this DyLight™ conjugate match the principle output wavelengths of most common fluorescence instrumentation.

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

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

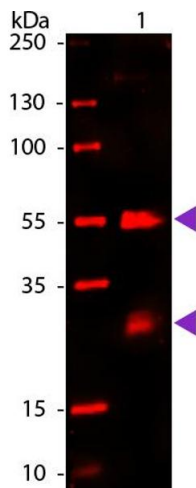
Storage Comment: Store conjugated secondary antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge

Handling

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 - Rat IgG (H&L) Antibody 680 Conjugated Western Blot of 680 conjugated Goat Anti-Rat IgG secondary antibody. Lane 1: Rat IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: 680 goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min t RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rat IgG. Other band(s): None.