

Datasheet for ABIN6699130

Goat anti-Rabbit IgG (Fc Region) Antibody (DyLight 800)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 800
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM), Dot Blot (DB)

Product Details

Purpose:	Rabbit IgG Fc Antibody DyLight™ 800 Conjugated
Immunogen:	Rabbit IgG F(c) fragment
Isotype:	IgG
Characteristics:	Goat Anti Rabbit IgG F(c) DyLight 800™ Conjugated Antibody, Goat Anti-Rabbit IgG Fc Fragment Antibody DyLight 800™ conjugation, Goat Anti Rabbit IgG Fc Antibody DyLight 800™ conjugated, Anti-Rabbit IgG F(c) DyLight generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH .
Labeling Ratio:	2.2

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Receptors bind the Fc portion of rabbit IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

Application Details

Application Notes:	FLISA_Dilution: >1:20,000 IF_Microscopy_Dilution: >1:5,000 Western_Blot_Dilution: >1:10,000 Other: User Optimized
Comment:	Anti-Rabbit IgG F(c) DyLight™ 800 conjugate has been tested by dot blot. 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: 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
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

Handling

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.

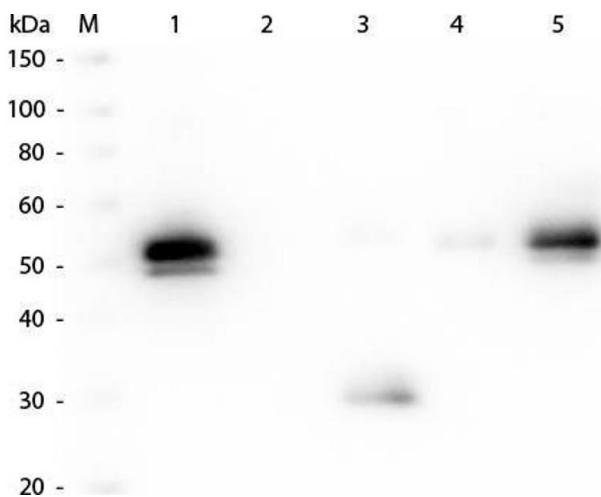
Expiry Date: 12 months

Publications

Product cited in: Anderson, Sastalla, Earland, Mahnaz, Moore, Otaizo-Carrasquero, Myers, Myles, Datta, Myles: "Prolonging culture of primary human keratinocytes isolated from suction blisters with the Rho kinase inhibitor Y-27632." in: **PLoS ONE**, Vol. 13, Issue 9, pp. e0198862, (2019) ([PubMed](#)).

Kohnz, Roberts, DeTomaso, Bideyan, Yan, Bandyopadhyay, Goga, Yosef, Nomura: "Protein Sialylation Regulates a Gene Expression Signature that Promotes Breast Cancer Cell Pathogenicity." in: **ACS chemical biology**, Vol. 11, Issue 8, pp. 2131-9, (2017) ([PubMed](#)).

Images



Western Blotting

Image 1. Western Blot of Anti-Rabbit IgG F(c) (GOAT) Antibody. Lane M: 3 µl Molecular Ladder. Lane 1: Rabbit IgG whole molecule. Lane 2: Rabbit IgG F(ab) Fragment. Lane 3: Rabbit IgG F(c) Fragment. Lane 4: Rabbit IgM Whole Molecule. Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng of IgG, F(ab), IgM and Serum, 100 ng of F(c). Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (GOAT) Antibody 1:2,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.