

Datasheet for ABIN6699137

Goat anti-Rat IgG Antibody (DyLight 405)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IgG
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 405
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	Rat IgG (H&L) Antibody Dylight™ 405 Conjugated
Immunogen:	Rat IgG, whole molecule
Isotype:	IgG
Characteristics:	Goat Anti-Rat IgG DyLight 405™ Conjugated Antibody, Goat Anti-Rat IgG Antibody DyLight 405™ Conjugation,
Labeling Ratio:	3.6

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.
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

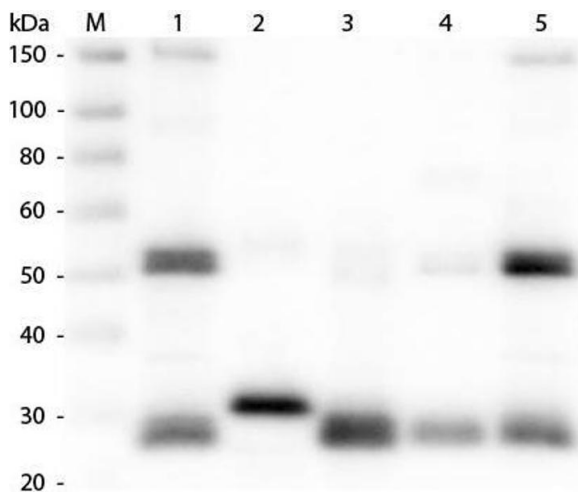
Preservative: Sodium azide

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 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



Western Blotting

Image 1. Western Blot of Anti-Rat IgG (H&L) (GOAT) Antibody. Lane M: 3 μ l Molecular Ladder. Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (GOAT) Antibody 1:1,000 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/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.