

Datasheet for ABIN6699155

Goat anti-Rat IgG Antibody (DyLight 649)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IgG
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 649
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	Rat IgG (H&L) Antibody Dylight™ 649 Conjugated
Immunogen:	Rat IgG, whole molecule
Isotype:	IgG
Characteristics:	Goat Anti-Rat IgG DyLight 649™ Conjugated Antibody, Goat Anti-Rat IgG Antibody DyLight 649™ Conjugation,
Labeling Ratio:	2.9

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™ 649 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.
Suggested Applications: IF, Multiplex

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.

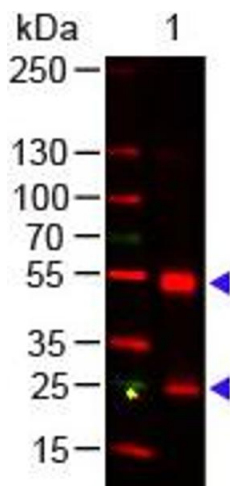
Storage: 4 °C, -20 °C

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

Product cited in: Riedemann, Straub, Sutor: "Two types of somatostatin-expressing GABAergic interneurons in the superficial layers of the mouse cingulate cortex." in: **PLoS ONE**, Vol. 13, Issue 7, pp. e0200567, (2019) ([PubMed](#)).

Images



Western Blotting

Image 1. Western Blot - Rat IgG (H&L) Antibody 649 Conjugated Western Blot of Goat anti-Rat IgG (H&L) Antibody 649 Conjugated Lane 1: Rat IgG Load: 50 ng per lane Secondary antibody: Rat IgG (H&L) Antibody 649 Conjugated at 1:1,000 for 60 min at RT Block: ABIN925618 for 30 min at RT Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa