

Datasheet for ABIN6699048

**Goat anti-Mouse IgG (Fc Region) Antibody (DyLight 649)**[Go to Product page](#)**1** Publication

## Overview

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

## Product Details

Purpose:	Mouse IgG Fc Antibody DyLight™ 649 Conjugated
Immunogen:	Mouse IgG F(c) fragment
Isotype:	IgG
Characteristics:	Goat Anti Mouse IgG F(c) Antibody DyLight™ 649 Conjugated, Goat Anti-Mouse IgG Fc Antibody DyLight™ 649 Conjugated, Goat Anti Mouse IgG Fc Fragment Antibody DyLight™ 649 Conjugated, Anti-Mouse IgG F(c) 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:	3.1

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Receptors bind the Fc portion of mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

## Application Details

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

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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

## Handling

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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.

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Expiry Date: 12 months

## Publications

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Product cited in: Chavez, Coricor, Perez, Seo, Serra: "SOX9 protein is stabilized by TGF- $\beta$  and regulates PAPSS2 mRNA expression in chondrocytes." in: **Osteoarthritis and cartilage**, Vol. 25, Issue 2, pp. 332-340, (2018) ([PubMed](#)).