

Datasheet for ABIN6699079

Rabbit anti-Mouse IgG3 (Heavy Chain) Antibody (DyLight 549)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µg
Target:	IgG3
Binding Specificity:	Heavy Chain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	DyLight 549
Application:	Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	Mouse IgG3 (Gamma 3 chain) Antibody DyLight™ 549 Conjugated
Immunogen:	Mouse IgG3 heavy chain
Isotype:	IgG
Characteristics:	Rabbit Anti-Mouse IgG3 (Gamma 3 chain) DyLight 549™ Conjugated Antibody, Rabbit Anti Mouse IgG3 Antibody DyLight 549™ Conjugation, Anti-Mouse IgG3 DyLight 549 Antibody generated in rabbit detects reactivity to Mouse IgG3 (Gamma 3 chain).
Labeling Ratio:	3.1

Target Details

Target:	IgG3
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Target Details

Abstract: [IgG3 Products](#)

Target Type: Antibody

Background: Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG3 comprises almost 10 % of the IgG subclass and has a high affinity for binding to the Fc receptor of phagocytic cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

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.
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

Handling

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

Publications

Product cited in: Baumann, Bakkers, Buettner, Hartmann, Grove, Langereis, de Groot, Mühlenhoff: "9-O-Acetylation of sialic acids is catalysed by CASD1 via a covalent acetyl-enzyme intermediate." in: **Nature communications**, Vol. 6, pp. 7673, (2016) ([PubMed](#)).