

Datasheet for ABIN6698965

## Goat anti-Monkey IgG (Chain gamma) Antibody (DyLight 680) - Preadsorbed



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### Overview

Quantity:	100 µg
Target:	IgG
Binding Specificity:	Chain gamma
Reactivity:	Monkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 680
Application:	Immunohistochemistry (IHC), Western Blotting (WB), FLISA, Fluorescence Microscopy (FM)

### Product Details

Immunogen:	Immunogen: Anti-Monkey IgG (gamma chain) was produced by repeated immunization with monkey IgG gamma heavy chain in goat. Immunogen Type: Native Protein
Isotype:	IgG
Characteristics:	Synonyms: goat anti-Monkey IgG (gamma chain) DyLight™680 conjugated antibody, goat anti-Monkey IgG gamma antibody DyLight™ 680 conjugation Background: Anti-Monkey IgG (gamma chain) DyLight™680 conjugated antibody generated in goat detects specifically monkey IgG (gamma chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region,

## Product Details

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recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. This DyLight™680 conjugated anti-Monkey IgG gamma chain secondary antibody is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more general immunoassays. 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.

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Purification: Preadsorption: Solid phase absorption

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Labeling Ratio: 3.1

## Target Details

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Target: IgG

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Abstract: [IgG Products](#)

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Target Type: Antibody

## Application Details

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Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000  
Application Note: Anti-Monkey IgG (gamma chain) DyLight™680 is suitable for use in 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. Specific conditions for reactivity and signal detection should be optimized by the end user.

FLISA Dilution: >1:20,000

Western Blot Dilution: 1:2,000 - 1:10,000

IF Microscopy Dilution: >1:5,000

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Reconstitution Volume: 100 µL  
Reconstitution Buffer: Restore with deionized water (or equivalent)

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Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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## Handling

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Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free  
0.01 % (w/v) Sodium Azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

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Expiry Date: 12 months