



Datasheet for ABIN101171

## Donkey anti-Goat IgG (Heavy & Light Chain) Antibody (FITC) - Preadsorbed



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### 2 Publications

#### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Goat
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

#### Product Details

Immunogen:	Immunogen: Goat IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	3.0

#### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>

## Target Details

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Target Type:	Antibody
Background:	<p>Synonyms: Donkey anti-Goat IgG Antibody Fluorescein conjugation, Donkey anti-Goat IgG FITC conjugated antibody</p> <p>Background: Anti-Goat IgG Fluorescein Antibody generated in donkey detects goat IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G 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, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.</p>

## Application Details

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Application Notes:	<p>Application Note: 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.</p> <p>FLISA Dilution: 1:10,000 - 1:50,000</p> <p>Flow Cytometry Dilution: 1:500 - 1:2,500</p> <p>IF Microscopy Dilution: 1:1,000 - 1:5,000</p>
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	2.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

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should be handled by trained staff only.

Handling Advice: Product is photosensitive and should be protected from light.

Storage: RT, 4 °C, -20 °C

Expiry Date: 12 months

## Publications

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Product cited in: Li, Chen, Li: "Butyrate alleviates metabolic impairments and protects pancreatic  $\beta$  cell function in pregnant mice with obesity." in: **International journal of clinical and experimental pathology**, Vol. 6, Issue 8, pp. 1574-84, (2014) ([PubMed](#)).