



Datasheet for ABIN100915

Goat anti-Cow IgG (F(ab')₂ Region) Antibody (FITC) - Preadsorbed



[Go to Product page](#)

1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Cow
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Bovine IgG F(ab') ₂ fragment
Isotype:	IgG
Specificity:	IgG F(ab') ₂
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	3.1

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: goat anti-Bovine IgG F(ab')₂ fragment fluorescein Conjugated Antibody, goat anti-Bovine IgG Fab₂ fragment FITC Conjugated Antibody</p> <p>Background: 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. This product possesses the F(ab')₂ fragment, recognized by the two F(ab) fragments yielded from the digestion of the antibody below the disulfide bond hinge region.</p>

Application Details

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

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: 0.01 M Sodium 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 should be handled by trained staff only.

Handling

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

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months

Images



Dot Blot

Image 1. Dot Blot of Goat anti-Bovine IgG Fab2 Antibody Fluorescein Conjugated. Antigen: Bovine IgG. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: Goat anti-Bovine IgG Fab2 Antibody Fluorescein Conjugated at 1:1,000 for 1 HR at RT. Block: ABIN925618 for 1 HR at RT.