



Datasheet for ABIN100894

Goat anti-Cow IgG (Heavy & Light Chain) Antibody (Texas Red (TR)) - Preadsorbed



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1 Image

Overview

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

Product Details

Immunogen:	Immunogen: Bovine 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:	5.0

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat anti Bovine IgG Texas Red™ Conjugated, Goat anti-Bovine IgG Texas Red™ Conjugated</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) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present.</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:	Texas Red™ is a registered trademark of Molecular Probes Inc.
Restrictions:	For Research Use only

Handling

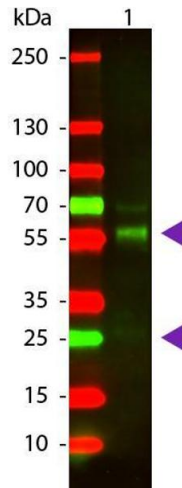
Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	2.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Polyethylene Glycol (PEG-8000)</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 Advice:	Product is photosensitive and should be protected from light.

Handling

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western Blot of Goat anti-Bovine IgG Texas Red Conjugated Secondary Antibody. Lane 1: Bovine IgG. Lane 2: None. Load: 100 ng per lane. Primary antibody: None. Secondary antibody: Texas Red goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Bovine IgG. Other band(s): Bovine IgG splice variants and isoforms.