

Datasheet for ABIN101888

**Rabbit anti-Pig IgG (Heavy & Light Chain) Antibody (FITC) -
Preadsorbed**[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Immunogen: Swine 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:	2.4

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Rabbit Anti-Swine IgG fluorescein Conjugated Antibody, Rabbit Anti-Swine IgG Antibody FITC Conjugation</p> <p>Background: Anti-Swine IgG (H&L) Fluorescein Antibody generated in rabbit detects reactivity to swine 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 the Heavy and Light chains of the antibody molecule are present. 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. This Anti-Swine IgG Antibody is conjugated to Fluorescein.</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

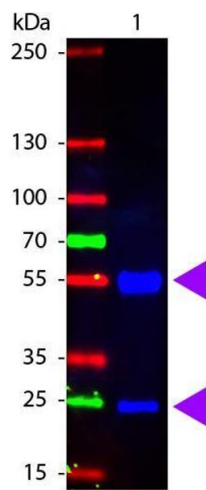
Handling

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:	Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

	Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
	Preservative: 0.01 % (w/v) Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which 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

Validation report #104174 for Cleavage Under Targets and Tagmentation (CUT&Tag)



Western Blotting

Image 1. Western Blot of Fluorescein Conjugated Rabbit anti-Swine IgG antibody. Lane 1: Swine IgG. Lane 2: none. Load: 100 ng per lane. Primary antibody: none. Secondary antibody: Fluorescein swine secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 55 kDa, 28 kDa for Swine IgG. Other band(s): none.