

Datasheet for ABIN376148

**Mouse anti-Rat IgG1 (Fc Region) Antibody (FITC)**[Go to Product page](#)**1** Image

## Overview

Quantity:	0.5 mg
Target:	IgG1
Binding Specificity:	Fc Region
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	FITC
Application:	ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Rat IgG1 hybridoma
Clone:	G11C5
Isotype:	IgG2b
Specificity:	Reacts with the gamma 1 heavy chain (Fc) of Rat IgG1.
Characteristics:	Mouse Anti-Rat IgG1-FITC
Purification:	Purified

## Target Details

Target:	IgG1
Abstract:	<a href="#">IgG1 Products</a>

## Target Details

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Target Type: Antibody

## Application Details

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Application Notes:

- **Applications:** FC - Quality tested ELISA - Quality tested FLISA - Quality tested IHC-FS - Reported in literature , ELISPOT - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT, and AF488 conjugates 1 g/106 cells PE, CY5, and AF647 conjugates 0.1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L ELISA AP conjugate 1:1,000 - 1:4,000 HRP conjugate 1:4,000 - 1:8,000 BIOT conjugate 1:5,000 - 1:10,000 FLISA FITC and AF488 conjugates 1:200 - 1:400 AF555 conjugate 1:100 - 1:400 PE, CY5, and AF647 conjugates 1 g/mL

Comment: Excitation/Emission wavelength: 494 nm/514 nm

Restrictions: For Research Use only

## Handling

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Concentration: 0.5 mg/mL

Buffer: 0.5 mg in 1.0 mL of PBS/Sodium azide

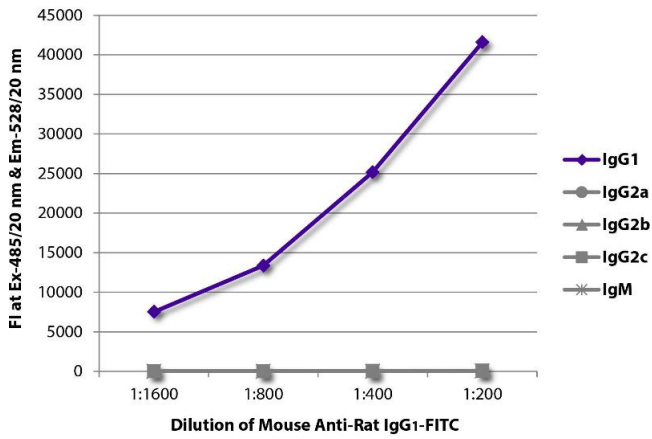
Preservative: Sodium azide

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

Handling Advice: **Protect conjugated products from light.**  
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C



**ELISA**

**Image 1.** FLISA plate was coated with purified rat IgG1, IgG2a, IgG2b, IgG2c, and IgM. Immunoglobulins were detected with serially diluted Mouse Anti-Rat IgG1-FITC.