

Datasheet for ABIN3045873

**Goat anti-Mouse IgG (Whole Molecule) Antibody (DyLight 488)**[Go to Product page](#)

## Overview

Quantity:	0.5 mg
Target:	IgG
Binding Specificity:	Whole Molecule
Reactivity:	Mouse
Host:	Goat
Conjugate:	DyLight 488
Application:	Flow Cytometry (FACS), Immunomicroscopy (IM)

## Product Details

Immunogen:	Purified Mouse IgG, whole molecule
Fragment:	F(ab') <sub>2</sub> fragment
Specificity:	Based on IEP, this antibody reacts with: heavy (γ) chains on mouse IgG light chains on all mouse immunoglobulins
Cross-Reactivity (Details):	Based on IEP, no reactivity is observed to: non-immunoglobulin mouse serum immunoglobulins
Characteristics:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Purification:	Affinity purified using solid phase Mouse IgG
Purity:	> 90 % based on SDS-PAGE Small amounts of intact IgG may be present.

## Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

## Application Details

Application Notes: This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator.

Suggested starting dilution(s): • 1:20 - 1:2,000 for most applications

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Rehydrate with 0.55 mL of deionized water and let stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilution daily.

Concentration: 1.0 mg/mL

Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free  
0.05 % (w/v) 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.

Storage: 4 °C

Storage Comment: Store freeze-dried powder at 2-8 °C.  
Shelf Life: Product is stable for up to 4 weeks at 2-8°C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20°C.