

Datasheet for ABIN2176507

**Goat anti-Rabbit IgG Antibody (Cy3)**

12 Publications

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## Overview

Quantity:	200 µL
Target:	IgG
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Isotype:	IgG
Purification:	Purified by Protein A.

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions, to bind to the pathogen that elicited the response

## Target Details

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and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

## Application Details

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Application Notes: IF(IHC-P): (1:500-2000), IF(IHC-F): (1:500-2000), IF(ICC): (1:500-1000)  
Optimal working dilution should be determined by the investigator.

Comment: Excitation/Emission: 512,550nm/570,615nm

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % 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: -20 °C

Storage Comment: Store at 4 °C for 12 months.

## Publications

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Product cited in: Dai, Jia, Wang, Liang, Han, Chu, Mei: "Genistein inhibited ammonia induced astrocyte swelling by inhibiting NF-κB activation-mediated nitric oxide formation." in: **Metabolic brain disease**, Vol. 32, Issue 3, pp. 841-848, (2017) ([PubMed](#)).

Peng, Shu, Lang, Yu: "Cardiotrophin-1 stimulates the neural differentiation of human umbilical cord blood-derived mesenchymal stem cells and survival of differentiated cells through PI3K/Akt-dependent signaling pathways." in: **Cytotechnology**, Vol. 69, Issue 6, pp. 933-941, (2017) ([PubMed](#)).

Wang, Liu, Gao, Zhao, Zhou, Shen, Guo, Li, Yao, Mei: "Metformin preconditioning provide neuroprotection through enhancement of autophagy and suppression of inflammation and

apoptosis after spinal cord injury." in: **Biochemical and biophysical research communications**, Vol. 477, Issue 4, pp. 534-540, (2016) ([PubMed](#)).

Wang, She, Liu, Shi, Yang, Shi, Hou: "Frequent amplification of PTP1B is associated with poor survival of gastric cancer patients." in: **Cell cycle (Georgetown, Tex.)**, Vol. 14, Issue 5, pp. 732-43, (2015) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)