

Datasheet for ABIN2176527

Goat anti-Mouse IgG Antibody (Cy3)**5** Publications[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	IgG
Reactivity:	Mouse
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:	IgG Products
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

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

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

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

Product cited in: Han, Wang, Duan: "Biofunctional polyelectrolytes assembling on biosensors - A versatile surface coating method for protein detections." in: **Analytica chimica acta**, Vol. 964, pp. 170-177, (2017) ([PubMed](#)).

Wu, Liu, Jiang, Chen, Wang, Zhu, Li: "Kindlin-2 siRNA inhibits vascular smooth muscle cell proliferation, migration and intimal hyperplasia via Wnt signaling." in: **International journal of molecular medicine**, Vol. 37, Issue 2, pp. 436-44, (2016) ([PubMed](#)).

Nie, Wang, Zhang, Cheng, Lv, Liu, Wang: "Multifunctional Assembly of Micrometer-Sized Colloids for Cell Sorting." in: **Small (Weinheim an der Bergstrasse, Germany)**, (2015) ([PubMed](#)).

Lv, Li, Liu, Li, Liu, Shen, Wang, Xue, Cao: "Production and immunogenicity of chimeric virus-like particles containing the spike glycoprotein of infectious bronchitis virus." in: **Journal of veterinary science**, Vol. 15, Issue 2, pp. 209-16, (2015) ([PubMed](#)).

Gao, Zhao, Song, Yang: "Expression pattern of embryonic stem cell markers in DFAT cells and ADSCs." in: **Molecular biology reports**, Vol. 39, Issue 5, pp. 5791-804, (2012) ([PubMed](#)).