Datasheet for ABIN2176504

Goat anti-Rabbit IgG Antibody (AbBy Fluor® 488)

4 Publications

Go to Product page

Overview

Quantity:	200 µL
Target:	IgG
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	AbBy Fluor® 488
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.
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:	Luo, Zhao, Zhang, Gao, Wang, Hanigan, Zheng: "SESN2 negatively regulates cell proliferation and casein synthesis by inhibition the amino acid-mediated mTORC1 pathway in cow mammary epithelial cells." in: **Scientific reports**, Vol. 8, Issue 1, pp. 3912, (2019) (PubMed). Zhang, Song, Cao, Lu, Wang, Wang, Wang, Chen: "Autophagy and mitochondrial dysfunction in adjuvant-arthritis rats treatment with resveratrol." in: **Scientific reports**, Vol. 6, pp. 32928, (2018) (PubMed). Lai, Wang, Zhao, Zhang, Gu, Yang, Wang: "C-C Motif Chemokine Ligand 2 (CCL2) Mediates Acute Lung Injury Induced by Lethal Influenza H7N9 Virus." in: **Frontiers in microbiology**, Vol. 8, pp. 587, (2017) (PubMed).