

Datasheet for ABIN7539592

Goat anti-Mouse IgG (Heavy & Light Chain) Antibody (FITC)[Go to Product page](#)

13 Publications

Overview

| | |
|----------------------|---|
| Quantity: | 1 mg |
| Target: | IgG |
| Binding Specificity: | Heavy & Light Chain |
| Reactivity: | Mouse |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | FITC |
| Application: | ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Dot Blot (DB), Multiplex Assay (MA) |

Product Details

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|---------------|---|
| Purpose: | Goat Anti-Mouse IgG H&L (FITC) |
| Immunogen: | Mouse IgG whole molecule |
| Isotype: | IgG |
| Specificity: | IgG (H&L) |
| Purification: | Goat Anti-Mouse IgG [H&L] FITC Conjugated Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Mouse IgG and Mouse Serum. |
| Grade: | High-quality product from Rockland |

Target Details

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| Target: | IgG |
| Abstract: | IgG Products |
| Target Type: | Antibody |
| Background: | Immunoglobulin heavy constant gamma 1, Ig gamma-1 chain C region, Ig gamma-1 chain C region EU, Ig gamma-1 chain C region KOL, Ig gamma-1 chain C region NIE, IGHG1 |

Application Details

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|--------------------|---|
| Application Notes: | Anti-Mouse IgG FITC Conjugated Antibody has been tested by dot blot and western blot and is designed for immunofluorescence microscopy, flow cytometry, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Restore with deionized water (or equivalent) |
| Concentration: | 2.0 mg/mL |
| Buffer: | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide, 0.1 mg/ml Bovine Serum Albumin (BSA) - IgG and Protease free, 50% (v/v) Glycerol |
| 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,-20 °C |
| Storage Comment: | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Expiry Date: | 12 months |

Product cited in:

Liu, Panagopoulos, Oguz, Samant, Vasa, Agrawal, Chatzizisis: "Role of triggering receptor expressed on myeloid cells-1 in the mechanotransduction signaling pathways that link low shear stress with inflammation." in: **Scientific reports**, Vol. 13, Issue 1, pp. 4656, (2023) ([PubMed](#)).

Liu, Samant, Vasa, Pedrigi, Oguz, Ryu, Wei, Anderson, Agrawal, Chatzizisis: "Co-culture models of endothelial cells, macrophages, and vascular smooth muscle cells for the study of the natural history of atherosclerosis." in: **PloS one**, Vol. 18, Issue 1, pp. e0280385, (2023) ([PubMed](#)).

Sundaramurthy, Votra, Laszlo, Davies, Pruyne: "FHOD-1 is the only formin in *Caenorhabditis elegans* that promotes striated muscle growth and Z-line organization in a cell autonomous manner." in: **Cytoskeleton (Hoboken, N.J.)**, Vol. 77, Issue 10, pp. 422-441, (2021) ([PubMed](#)).

Wang, Chen, Li, Zhang, Guo, Hu, Shao, Song, Zhao, Li, Yang, Xu, Wei: "Exogenous spermine attenuates rat diabetic cardiomyopathy via suppressing ROS-p53 mediated downregulation of calcium-sensitive receptor." in: **Redox biology**, Vol. 32, pp. 101514, (2021) ([PubMed](#)).

Saferali, Tang, Strug, Quon, Zlosnik, Sandford, Turvey: "Immunomodulatory function of the cystic fibrosis modifier gene BPIFA1." in: **PloS one**, Vol. 15, Issue 1, pp. e0227067, (2020) ([PubMed](#)).

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