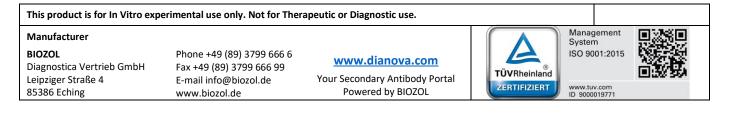




Goat IgG anti-Mouse IgG (H+L)-ATTO 594, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Rb,Rt,Sh

General Information

Catalog Number: SEC-183213	Physical State:	Lyophilized
Quantity: 100 μg	Reconstitution Volume:	100 μL
	Reconstitution Buffer:	Restore with deionized water (or equivalent)
	Shipping Conditions:	at room temperature
	Product Expiration	Expiration date is one (1) year from date of opening.
Antibody Host / Format		
Host Species: Goat	Clonality / Isotype / Clor	ne: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
	Conjugation:	ATTO 594
	Maximum Excitation / Emission: 602 nm / 622 nm	
Specificity		
Target Species: Mouse	Immunogen:	Mouse IgG whole molecule
Antibody Specificity: IgG (H+L)	Mouse IgG (H&L) Antibody ATTO 594 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-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of mouse IgG and with light chains of most mouse immunoglobulins.	
	antiserum by immunoaff to agarose beads followe unwanted reactivities. A single precipitin arc agair Serum. No reaction was Pig, Hamster, Horse, Hun antibody will react with h of most mouse immunog	inity chromatography using Mouse IgG coupled d by solid phase adsorption(s) to remove any ssay by immunoelectrophoresis resulted in a ast anti-Goat Serum, Mouse IgG and Mouse observed against Bovine, Chicken, Goat, Guinea nan, Rabbit, Rat and Sheep Serum Proteins. This neavy chains of mouse IgG and with light chains lobulins.
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Formulation, Transport and Storage	antiserum by immunoaff to agarose beads followe unwanted reactivities. A single precipitin arc agair Serum. No reaction was Pig, Hamster, Horse, Hun antibody will react with h of most mouse immunog Minimal Cross Reactivity	inity chromatography using Mouse IgG coupled d by solid phase adsorption(s) to remove any ssay by immunoelectrophoresis resulted in a ast anti-Goat Serum, Mouse IgG and Mouse observed against Bovine, Chicken, Goat, Guinea han, Rabbit, Rat and Sheep Serum Proteins. This heavy chains of mouse IgG and with light chains lobulins.
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Product Datasheet / Instruction for use



Application Recommendation

Application: FLISA, Immunofluorescence, Western Blot

Dilution: FLISA >1:20.000, Immunofluorescence >1:5,000, Western Blot (WB) >1:10.000

Application Note:

Anti-Mouse IgG (H&L) conjugated to ATTO 594 is designed for STED microscopy, FRET, immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.

Background Information

Anti-Mouse IgG ATTO 594 Antibody generated in goat detects reactivity to Mouse IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both the Heavy and Light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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www.dianova.com Your Secondary Antibody Portal

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