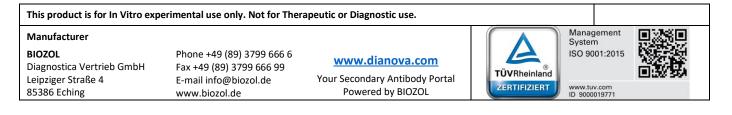




Goat IgG anti-Mouse IgG (H+L)-ATTO 550, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Rb,Rt,Sh

General Information

Catalog Number: SEC-183207	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 / Clon	e: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
	Conjugation:	ATTO 550
	Maximum Excitation / Emission:554 nm / 575 nm	
Specificity		
Target Species: Mouse	Immunogen:	Mouse IgG whole molecule
Antibody Specificity: IgG (H+L)	antiserum by immunoaffi to agarose beads followe unwanted reactivities. A single precipitin arc again Serum. No reaction was Pig, Hamster, Horse, Hum antibody will react with h of most mouse immunog	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 immunoaffi to agarose beads followe unwanted reactivities. A single precipitin arc again Serum. No reaction was Pig, Hamster, Horse, Hum 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 nan, Rabbit, Rat and Sheep Serum Proteins. This neavy chains of mouse IgG and with light chains lobulins. : Bovine, Chicken, Goat, Guinea Pig, Hamster
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Product Datasheet / Instruction for use



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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 550 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 550 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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Management System ISO 9001:2015