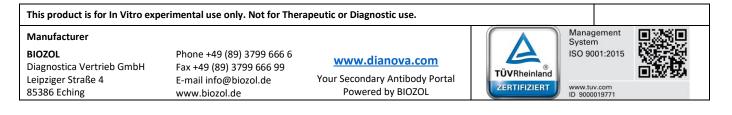




# Goat IgG anti-Rat IgG (H+L)-ATTO 488, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh

## **General Information**

Catalog Number: SEC-183473	Physical State:	Lyophilized
Quantity: 0,5 mg	Reconstitution Volume:	500 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	1	
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 488
	Maximum Excitation / Emission: 500 nm / 520 nm	
Specificity	1	
Target Species: Rat	Immunogen:	Rat IgG whole molecule
Antibody Specificity: IgG (H+L)	Rat IgG (H&L) Antibody ATTO 488 was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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, Rat IgG and Rat Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins. This antibody will react with heavy chains of rat IgG and with light chains of most rat immunoglobulins.	
	Hamster, Horse, Human, antibody will react with h	Mouse, Rabbit and Sheep Serum Proteins. This leavy chains of rat IgG and with light chains of
	Hamster, Horse, Human, antibody will react with h most rat immunoglobulin Minimal Cross Reactivity	Mouse, Rabbit and Sheep Serum Proteins. This leavy chains of rat IgG and with light chains of
Formulation, Transport and Storage	Hamster, Horse, Human, antibody will react with h most rat immunoglobulin Minimal Cross Reactivity	Mouse, Rabbit and Sheep Serum Proteins. This heavy chains of rat IgG and with light chains of hs. : Bovine, Chicken, Goat, Guinea Pig, Hamster
Formulation, Transport and Storage Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	Hamster, Horse, Human, antibody will react with h most rat immunoglobulin <b>Minimal Cross Reactivity</b> generally, Horse Store vial at 4° C prior to contents and freeze at -2 thawing. Centrifuge proc room temperature. This	Mouse, Rabbit and Sheep Serum Proteins. This heavy chains of rat IgG and with light chains of hs. : Bovine, Chicken, Goat, Guinea Pig, Hamster





#### 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:**

The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.

### **Background Information**

Anti-Rat IgG (H&L) conjugated to ATTO 488 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.

## **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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