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## Product Datasheet

### Goat IgG anti-Mouse IgG (H+L)-ATTO 488, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Rb,Rt,Sh DNA-SEC-183194

Article Name	Goat IgG anti-Mouse IgG (H+L)-ATTO 488, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Rb,Rt,Sh
Biozol Catalog Number	DNA-SEC-183194
Supplier Catalog Number	SEC-183194
Alternative Catalog Number	DNA-SEC-183194
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FLISA,IF,WB
Species Reactivity	Mouse
Immunogen	Mouse IgG whole molecule
Conjugation	ATTO 488
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine,Gallus,Goat,Guinea pig,Hamster (all),Equine,Human,Rabbit,Rat,Sheep
Product Description	Anti-Mouse IgG ATTO 488 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, bact...

Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	<p>Mouse IgG (H&amp;L) Antibody ATTO 488 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.</p>
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	<p>FLISA Dilution: &gt;1:20,000, Fluorochrome Protein Value: 3.8, IF Microscopy Dilution: &gt;1:5,000, Western Blot Dilution: &gt;1:10,000</p>
Application Notes	<p>Anti-Mouse IgG (H&amp;L) conjugated by 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.</p> <p>The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.</p>