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Product Datasheet

Rabbit Anti-Goat IgG (H&L) Antibody ATTO 488 Conjugated (Min X Hu, Ms, Rb Serum Proteins) - 605-452-013, ATTO-488, Polyclonal DNA-SEC-182864

Article Name	Rabbit Anti-Goat IgG (H&L) Antibody ATTO 488 Conjugated (Min X Hu, Ms, Rb Serum Proteins) - 605-452-013, ATTO-488, Polyclonal
Biozol Catalog Number	DNA-SEC-182864
Supplier Catalog Number	DNA-SEC-182864
Alternative Catalog Number	DNA-SEC-182864
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Goat
Immunogen	Goat IgG whole molecule
Conjugation	ATTO-488
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Mouse,Rabbit
Product Description	Anti-Goat IgG ATTO dye Antibody generated in rabbit detects goat 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 ...

Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-GOAT IgG (H&L) conjugated to ATTO 488 was prepared from monospecific antiserum by immunoaffinity chromatography using Goat 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-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against Human, Mouse or Rabbit Serum Proteins. This antibody will react with heavy chains of Goat IgG and with light chains of most Goat immunoglobulins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Goat
Antibody Type	Secondary Antibody
Application Dilute	FLISA Dilution: >1:20,000, Fluorochrome Protein Value: 3.8, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: >1:10,000
Application Notes	GOAT IgG (H&L) conjugated to ATTO 488 has been tested by western blot and 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.