

Datasheet for 617-145-012**Monkey IgG (gamma chain) Antibody DyLight™800 Conjugated****Overview**

Description:	Goat Anti-Monkey IgG (gamma chain) Antibody DyLight™800 Conjugated - 617-145-012
Item No.:	617-145-012
Size:	100 µg
Applications:	Dot Blot
Reactivity:	Monkey
Host Species:	Goat

Product Details

Background:	Anti-Monkey IgG (gamma chain) antibody generated in goat detects specifically monkey IgG (gamma chain). This secondary antibody anti-Monkey is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	goat anti-Monkey IgG (gamma chain) DyLight™800 conjugated antibody, goat anti-Monkey IgG gamma antibody DyLight™ 800 conjugation
Host Species:	Goat
Specificity:	IgG (gamma chain)
Conjugate:	DyLight™ 800
Clonality:	Polyclonal
Format:	IgG
F/P Ratio:	2.0

Target Details

Reactivity:	Monkey
Immunogen Type:	Native Protein
Immunogen:	Anti-Monkey IgG (gamma chain) was produced by repeated immunization with monkey IgG gamma heavy chain in goat.

Purity/Specificity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Monkey 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, Monkey IgG and Monkey Serum.

Application Details

Tested Applications:	Dot Blot
Application Note:	Anti-Monkey IgG (gamma chain) DyLight™800 has been tested by dot blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. The emission spectra for this DyLight™ conjugate match the principle output wavelengths of most common fluorescence instrumentation. Specific conditions for reactivity and signal detection should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FLISA:	>1:20,000
IF:	>1:5,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	100 µL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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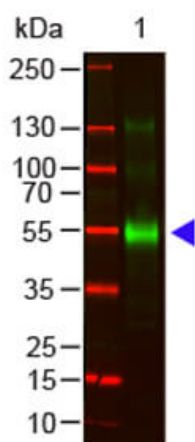
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

<u>Product</u>	<u>Gt-a-Monkey IgG</u>	<u>Gt-a-Monkey IgA</u>	<u>Gt-a-Monkey IgM</u>
Rhesus Serum	+	+	+
Baboon Serum	+	+	+
Cynomolgus Serum	+	+	+
Rhesus IgG	+		
Human IgA		+	
Human IgM			+

Diagram

This table displays additional reactivity among various species of serum and immunoglobulin. A (+) indicates antibody reactivity to the corresponding target.



Western Blot

Western Blot of Goat anti-Monkey IgG gamma Antibody. Lane 1: Monkey IgG (p/n 017-0102). Lane 2: None. Load: 100 ng per lane. Primary antibody: Monkey IgG gamma Antibody at 1:1000 for overnight at 4°C. Secondary antibody: DyLight™ 800 goat secondary antibody at 1:20,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 kDa, 55 kDa for Monkey IgG Gamma. Other band(s): None.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.