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Datasheet for 617-103-012

Monkey IgG gamma Antibody Peroxidase Conjugated

Overview

Description:	Goat Anti-Monkey IgG (gamma chain) Antibody Peroxidase Conjugated - 617-103-012
Item No.:	617-103-012
Size:	1 mg
Applications:	ELISA, WB, Biochemical Assay, Functional Assay
Reactivity:	Monkey
Host Species:	Goat

Product Details

Background:	Anti-Monkey IgG (gamma chain) peroxidase conjugated antibody generated in goat detects specifically Monkey IgG (gamma chain). This secondary peroxidase conjugated antibody anti-Monkey is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	goat anti-Monkey IgG (gamma chain) peroxidase conjugated antibody, goat anti-Monkey IgG gamma antibody HRP conjugation
Host Species:	Goat
Specificity:	IgG (gamma chain)
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

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:	MONKEY IgG gamma Antibody Peroxidase Conjugated 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-Peroxidase, anti-Goat Serum, Monkey IgG and Monkey Serum.
Relevant Links:	• 617-103-012 SDS

Application Details

Tested Applications:	ELISA, WB
Suggested Applications:	Biochemical Assay, Functional Assay (Based on references)
Application Note:	Anti-Monkey IgG (gamma chain) peroxidase conjugated antibody has been tested by ELISA and western blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:1,000 - 1:85,000
IHC:	1:500 - 1:2,500
WB:	1:1,000 - 1:5,000

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) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

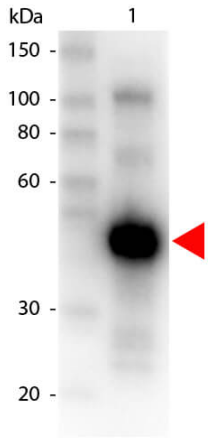
Shipping Condition:	Ambient

Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

Product	Gt-a-Monkey IgG	Gt-a-Monkey IgA	Gt-a-Monkey IgM
Rhesus Serum	+	+	+
Baboon Serum	+	+	+
Cynomologus 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 Peroxidase conjugated Goat anti-MONKEY IgG gamma antibody. Lane 1: Monkey IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase goat secondary antibody at 1:1,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 kDa for Monkey IgG Gamma. Other band(s): none.

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