



[Go to Product page](#)

Datasheet for ABIN5706887

Rabbit anti-Monkey IgG (Heavy & Light Chain) Antibody (FITC) - Preadsorbed

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Western Blotting (WB), Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Anti-Monkey IgG (H&L) was produced by repeated immunization with monkey IgG in rabbit. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity:	Monkey
Characteristics:	Synonyms: rabbit Anti-Monkey IgG peroxidase Conjugated Antibody, rabbit Anti-Monkey IgG Antibody peroxidase Conjugation, rabbit Anti-Monkey IgG HRP Conjugated Antibody Background: Anti-Monkey IgG (H&L) FITC antibody generated in rabbit detects specifically monkey IgG heavy and light chains. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via

Product Details

agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. This fluorescence conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform immunofluorescence, flow cytometry, and more general immunoassays. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment.

Purification:	Preadsorption: immunoaffinity chromatography using Monkey IgG coupled to agarose beads
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Labeling Ratio:	4.6
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Target Details

Target:	IgG
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Abstract:	IgG Products
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Target Type:	Antibody
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Background:	<p>Synonyms: rabbit Anti-Monkey IgG peroxidase Conjugated Antibody, rabbit Anti-Monkey IgG Antibody peroxidase Conjugation, rabbit Anti-Monkey IgG HRP Conjugated Antibody</p> <p>Background: Anti-Monkey IgG (H&L) FITC antibody generated in rabbit detects specifically monkey IgG heavy and light chains. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. This fluorescence conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform immunofluorescence, flow cytometry, and more general immunoassays. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment.</p>
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Application Details

Application Notes: Application Note: Anti-Monkey IgG (H&L) FITC conjugated Antibody is suitable for use in immunoelectrophoresis, immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. Specific conditions for reactivity and signal detection should be optimized by the end user.

FLISA Dilution: 1:50,000 - 1:100,000

Flow Cytometry Dilution: User Optimized

Western Blot Dilution: 1:10,000 - 1:60,000

IF Microscopy Dilution: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 1.0 mL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: 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
Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: RT, 4 °C, -20 °C

Expiry Date: 12 months
