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Datasheet for ABIN5706888

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

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP)

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
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) HRP 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,

Product Details

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 peroxidase conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform western-blot, immunoprecipitation 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

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: Immunohistochemistry Dilution: User Optimized
Application Note: Anti-Monkey IgG (H&L) HRP conjugated Antibody is suitable for use in Western Blotting, Immunohistochemistry, ELISA as well as other antibody detection methods. Specific conditions for reactivity and signal detection should be optimized by the end user.
Western Blot Dilution: 1:10,000 - 1:60,000
Immunoprecipitation Dilution: User Optimized
ELISA Dilution: 1:50,000 - 1:100,000

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: Gentamicin sulfate

Handling

Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	12 months