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Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody
Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2892

Specification

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Product Information

Description	**Anti-Rat IgG IgA IgM (H&L) (GOAT) Antibody Peroxidase Conjugated**
Host	**Goat**
Conjugate	**Peroxidase (Horseradish)**
Target Species	**Rat**
Clonality	**Polyclonal**
Application	**,1,10,15,**
Application Note	**ELISA 1:100,000;Western Blot 1:500-1:3,000;Immunochemistry 1:500-1:1,500**
Physical State	**Lyophilized**
Host Isotype	**IgG**
Target Isotype	**IgG IgA IgM**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Rat IgG, IgA and IgM whole molecules**
Reconstitution Volume	**1.0 mL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Stabilizer	**10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free**
Preservative	**0.01% (w/v) Thimerosal**

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Additional Information

Shipping Condition
Ambient

Purity
Anti-Rat IgG IgA IgM (H&L) Antibody, Peroxidase Conjugated, was prepared from polyspecific antiserum by immunoaffinity chromatography using Rat antigens 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 and anti-Goat Serum. This reagent is suitable for the detection of all Rat immunoglobulin isotypes and chain combinations.

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.

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Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Protein Information

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Images

Anti-Rat IgG IgA IgM (H&L) (Peroxidase Conjugated) Secondary Antibody - Background

Rat IgG IgA IgM (H&L) Antibody detects immunoglobulin G, A, and M from Rat. Immunoglobulin G binds to antigens and can neutralize or opsinize targts, and are predominantly involved in the secondary immune response. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Immunoglobulin M, or IgM, is a pentamer composed of 5 immunogobulin molecules linked through their F(c) domain by the J chain.