

# Anti-Rat IgG IgA IgM (H&L) Secondary Antibody

Goat Polyclonal, Unconjugated

Catalog # ASR1867

## Product Information

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<b>Description</b>	Anti-Rat IgG IgA IgM (H&L) (GOAT) Antibody
<b>Host</b>	Goat
<b>Conjugate</b>	Unconjugated
<b>Target Species</b>	Rat
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Liquid (sterile filtered)
<b>Host Isotype</b>	IgG
<b>Target Isotype</b>	IgG IgA IgM
<b>Buffer</b>	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
<b>Immunogen</b>	Rat IgG, IgA and IgM whole molecules
<b>Species of Origin</b>	Rat
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

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<b>Shipping Condition</b>	Wet Ice
<b>Application Note</b>	Goat-Anti-Rat IgG IgA IgM antibody is suitable for use in various immunoassays. Specific conditions for reactivity and signal detection should be optimized by the end user.
<b>Purity</b>	Goat-Anti-Rat IgG IgA IgM Antibody was prepared from polyspecific antiserum by immunoaffinity chromatography using 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-Goat Serum, Rat IgG, Rat IgA and Rat IgM. This reagent is suitable for the detection of all Rat immunoglobulin subclasses and chain combinations.
<b>Storage Condition</b>	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.
<b>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## Background

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Rat IgM antibody recognizes the mu chain of the Rat IgM. No reaction was observed against Rat IgA or Rat IgG. ELISA was used to confirm specificity at less than 1% cross reactivity against other rat heavy or light

chain isotypes. Anti-Rat IgM antibody is ideal with investigators involved in serum component protein research.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.