

**Anti-LYSOZYME (RABBIT) Antibody**  
**Lysozyme Antibody**  
**Catalog # ASR3809****Specification****Anti-LYSOZYME (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Chicken
Reactivity	Chicken
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Lysozyme antibody has been tested by western blot and ELISA. This product has been assayed against 1.0 ug of Lysozyme [Hen Egg White] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid])) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:2,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Lysozyme [Hen Egg White]
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

**Anti-LYSOZYME (RABBIT) Antibody - Additional Information****Gene ID** 396218**Other Names**  
396218**Purity**

Anti-Lysozyme antibody is an antiserum prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Lysozyme [Hen Egg White]. Cross reactivity against Lysozyme from other tissues and species may occur but have not been specifically determined.

**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.

**Precautions Note**

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

**Anti-LYSOZYME (RABBIT) Antibody - Protein Information**

**Name** LYZ

**Function**

Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents. Has bacteriolytic activity against *M.luteus*.

**Cellular Location**

Secreted.

**Tissue Location**

In the egg white and polymorphonuclear leukocytes.

**Anti-LYSOZYME (RABBIT) 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 Cytometry](#)
- [Cell Culture](#)

**Anti-LYSOZYME (RABBIT) Antibody - Images****Anti-LYSOZYME (RABBIT) Antibody - Background**

Lysozyme antibody targets lysozyme protein. Lysozyme (also called muramidase and 1,4-beta-N-acetylmuramidase ) is abundant in a number of secretions, such as tears, saliva, human milk, and mucus. The enzyme functions by attacking peptidoglycans (found in the cell walls of bacteria, especially Gram-positive bacteria) and hydrolyzing the glycosidic bond that connects N-acetylmuramic acid with the fourth carbon atom of N-acetylglucosamine. The anti-Lysozyme antibody is suitable for detection of lysozyme from a number of different sources.