

Lysozyme Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11804**Specification**

Lysozyme Antibody - Product Information

Application	WB
Primary Accession	P61626
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	16537

Lysozyme Antibody - Additional Information**Gene ID** 4069

Positive Control	WB: human lysozyme
Application & Usage	WB: 1-4 µg
Alias Symbol	LYZ
Other Names	
1, 4-beta-N-acetylmuramidase C, LYZ, LZM	

Appearance
Colorless liquid**Formulation**
In PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**

Lysozyme Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Lysozyme Antibody - Protein Information**Name** LYZ**Synonyms** LZM**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.

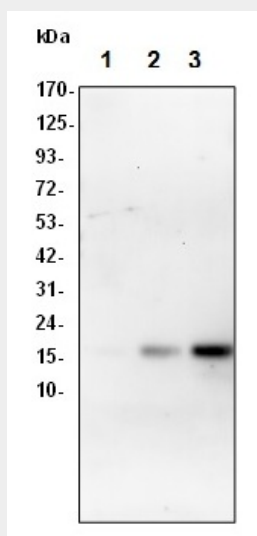
Cellular Location
Secreted.

Lysozyme 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](#)

Lysozyme Antibody - Images



Western blot with human Lysozyme antibody: Lane1: h Lysozyme, 2ng; Lane2: h Lysozyme, 10ng; Lane3: h Lysozyme, 50ng

Lysozyme Antibody - Background

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. It has an identical amino acid sequence and physico-chemical properties of native lysozyme. The enzyme cleaves the (1,4) linkage between N-acetylglucosamine and N-acetylmuramic acid of the peptidoglycan component in the bacterial cell wall. It exhibits four times more activity than commercial chicken lysozyme and is useful in the recovery of proteins expressed in bacteria (e.g. E. coli). EZ Lysozyme is designed for gentle cell lysis which leads to a minimal risk of protein denaturation.