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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.

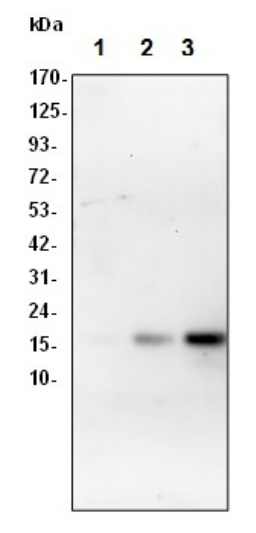
Cellular Location
Secreted.

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 Cytomety
- 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 physic-chemical properties of native lysozyme. The enzyme cleaves b (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.