

PRODUCT INFORMATION

Uniprot ID N/A

Common Name Hen egg Lysozyme

Conjugate Unconjugated

Synonyms HEL

Applications ELISA, Flow Cyt

Recommended

ELISA 1:5000-10000, Flow Cyt 1:100 **Dilutions**

Formulation & Reconstitution

Background

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution.

Host Species Chimeric

IgG type Human IgG1 - kappa

Reactivity N/A HEL **Target**

Description Anti-HEL Human IgG1-Kappa Isotype control mAb

Delivery In Stock

> Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized antibodies are shipped at ambient

témperature.

Anti Chicken Hen Egg Lysozyme, specifically recognises Hen Egg Lysozyme (HEL), known also as muramidase or N-acetylmuramide glycanhydrolase, a 14kDá enzymic protein involved in the destruction of bacteria. Lysozyme damages bacterial cell walls by catalyzing hydrolysis of 1,4-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine

residues in a peptidoglycan and between Nacetyl-D-glucosamine residues in chitodextrins. Lysozyme is abundant in a number of secretions, such as tears, saliva, human milk and mucus. It is also present in cytoplasmic granules of PMN's and high concentrations of lysozyme are present in egg white. C-type lysozymes are closely related to alpha-lactalbumin in sequence and structure

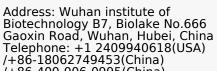
making them part of the same family.

Usage Research use only

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

DIMA Disclaimer reverse engineering attempt is prohibited. We are

actively scr



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