

PRODUCT INFORMATION

Common Name	Hen egg Lysozyme
Synonyms	HEL
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Formulation & Reconstitution	Liquid □ PBS with 0.05% Proclin300, 1% BSA
Host Species	Chimeric
IgG type	IgG4
Reactivity	N/A
Target	HEL
Uniprot ID	N/A
Description	PE-conjugated Anti-HEL Human IgG4-Kappa Isotype control mAb
Delivery	3-4 weeks
Storage & Shipping	Store at 2°C-8°C for 6 months

Background

Anti Chicken Hen Egg Lysozyme, specifically recognises Hen Egg Lysozyme (HEL), known also as muramidase or N-acetylmuramide glycanhydrolase, a 14kDa 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 N-acetyl-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

Conjugate

PE-conjugated

DIMA Disclaimer

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

