

PRODUCT INFORMATION

Common Name	Hen egg Lysozyme
Conjugate	PE-conjugated
Synonyms	HEL
Applications	Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	Flow Cyt 1:100
Formulation & Reconstitution	Liquid PBS with 0.05% Proclin300, 1% BSA
Host Species	Chimeric
IgG type	Human IgG1 - kappa
Reactivity	N/A
Target	HEL
Uniprot ID	N/A
Description	PE-conjugated Anti-HEL Human IgG1-Kappa Isotype control mAb
Delivery	Under Development
Storage&Shipping	Store at 2°C-8°C for 6 months
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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

