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## 12-90004B: Biotinylated Anti-HEL Human IgG4-Kappa Isotype control mAb

**Application:** ELISA, Flow Cyt

Gene: HEL
Alternative Name: HEL
Isotype: IgG4

## **Description**

Anti Chicken Hen Egg Lysozyme, specifically recognises Hen Egg Lysozyme (HEL), known also as muramidase or Nacetylmuramide 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.

## **Product Info**

**Amount:** 50μg / 100μg

Content: 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.

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

**Storage condition:** for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized antibodies are shipped at ambient temperature.

## **Application Note**

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