

### Product Information

<b>Product SKU:</b>	HDBS0407	<b>Host Species:</b>	Chimeric	<b>Size:</b>	100 µg
<b>Target:</b>	HEL	<b>Reactivity:</b>	-		

### Additional Information

<b>Conjugate:</b>	Biotinylated	<b>Uniprot:</b>	-
<b>Isotype:</b>	IgG4		

### Protein Information

**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.

**Synonyms:** HEL

**Common Name:** Hen egg Lysozyme

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

**Applications:** ELISA, Flow Cyt

**Usage:** Research use only

**Formulation:** 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.

**Storage:**

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 at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.