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**Antibody to HEL**  
**MOUSE MONOCLONAL**

**Catalog Number:** AB-475  
**Quantity:** 500 micrograms, 1 milligram  
**Format:** Lyophilized  
**Host:** Mouse  
**Isotype:** IgG2b  
**Clone:** NYRHEL  
**Immunogen:** purified HEL (hen egg-white lysozyme)

**Background:**

Hen egg-white lysozyme (HEL) is a glycosidase that functions both as an antibiotic against Gram positive bacteria as well as a nutrient in early embryogenesis. The protein irreversibly inhibits a transpeptidase enzyme required for bacterial cell wall synthesis.

**Specificity and Preparation:**

The antigen for this antibody is purified HEL (hen egg-white lysozyme). The antibody was purified by ion-exchange chromatography.

**Usage and Storage:**

Reported to be effective for ELISA (1:5,000 dilution will yield an OD of 0.2 using an alkaline phosphatase conjugated secondary antibody).  
The antibody is shipped as a lyophilized powder at ambient temperature. Store lyophilized at 4°C in a dry environment. After reconstitution, aliquot and store at -20°C. Reconstitute with H<sub>2</sub>O to a final concentration of 1 mg/ml. The resuspended antibody will be in PBS. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. The antibody is stable when lyophilized for 2 years or for 1 month in solution stored at 4°C.

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