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Antibody to HEL
MOUSE MONOCLONAL

Catalog Number: AB-475
Quantity: 500 micrograms, 1 milligram
Format: Lyophilized
Host: Mouse
Isotype: IgG_{2b}
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:

A 1:5,000 dilution in ELISA 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 H₂O to a final concentration of 1 mg/ml. The resuspended antibody will be in PBS. The antibody is stable when lyophilized for 2 years or for 1 month in solution stored at 4°C.