

KLH Antibody, mAb, Mouse**Cat. No.:** A01486-40**Size:** 40 µg**Synonyms:** Keyhole Limpet Hemocyanin mAb ; KLH**Description:**

Keyhole limpet hemocyanin (KLH) is a high molecular-weight and copper-containing protein. It is found in the hemolymph of sea mollusk *Megathura crenulata*. The KLH protein is potentially immunogenic yet safe in human and is therefore extensively used as a carrier protein in the production of antibodies for research as well as in other biotechnology and therapeutic applications.

Immunogen: Full keyhole limpet hemocyanin**Host:** Mouse**Conjugation:** Unconjugated**Fusion Partner:**

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Clone: 3C1G5**Ig Subclass:** Mouse IgG1, κ **Specificity:** No cross-reactivity with BSA and OVA are detected**Purification:** Protein A affinity column**Applications:**

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml**Dot blot:** 0.1-1.0 µg/ml**Other:** user-optimized**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.