

### Product information

<b>Product number:</b>	AS99 001
<b>Lot Number:</b>	0509
<b>Number of items:</b>	1
<b>Clonality:</b>	Polyclonal
<b>Raised in:</b>	Rabbit
<b>Purity:</b>	Affinity purif.
<b>Quantity:</b>	50 µg
<b>Antibody form:</b>	Liquid
<b>Storage instructions:</b>	4°C temporary storage; - 20°C or - 80°C long term storage (years)

*Please, avoid freezing and thawing of antibodies. Make aliquots instead.*

*Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.*

### Background

Keyhole limpet hemocyanin (KLH) is a high molecularweight, copper-containing protein. It is found in the hemolymph of the sea mollusk *Megathura crenulata*. This extracellular respiratoryprotein has many immunostimulatory properties, including the ability to enhance the host's immune responseby interacting with T cells, monocytes, macrophages, andpolymorphonuclear lymphocytes. Since its discovery, KLH has been used primarily as a carrier for vaccines and antigens and as adjuvant treatment in regimens such as antimicrobial therapy.

**Immunogen:** Purified KLH, emulsified in Freund's adjuvant

**Note:** Antibody can be used as a negative control to determine signal specificity of the serum.

### Application information

**Indirect ELISA:** Anti-KLH antibodies (0.1 mg/ml) at dilution of 1: 10 000 was found to generate absorbance 1.0 at 650 nm after 10 minutes of incubation with DAKO® TMB One-Step Substrate System at room temperature.

*Antibodies are intended for the research use only not for diagnostic or therapeutic use.*

Distributor



COSMO BIO CO., LTD.  
Inspiration for Life Science

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