Product no: AS99 001

KLH | Keyhole limpet hemocyanin

Product information

- **Immunogen**: Purified keyhole limpet hemocyanin (KLH), whole molecule
- **Host**: Rabbit
- **Clonality**: Polyclonal
- **Purity**: Affinity purified serum in PBS, pH 7.4
- **Format**: Lyophilized
- **Quantity**: 50 µg
- **Reconstitution**: For reconstitution add 50 µl of sterile water.
- **Storage**: Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Additional information

- Protein present in plant vascular tissue (xylem and vascular cambium) is detected by anti-KLH antibodies (Höglund et al. 2002) which might lead to false results in IL when using anti-peptide antibodies generated to KLH-conjugated peptide.

Application information

- **Recommended dilution**: 1: 10 000 (ELISA), 1: 10 000 (WB), 1: 1000 (IL)
- **Expected | apparent MW**: ca. 400 kDa/subunit
- **Confirmed reactivity**: *Megathura crenulata* - most commonly used carrier protein

Additional information

- Antibody can be used as a negative control to determine if observed signal is generated by anti-KLH or anti-peptide antibodies. Due to its large size KLH protein will be very difficult to separate on SDS-PAGE.

Selected references