

Product no **AS99 001-ALP****KLH | Keyhole limpet hemocyanin, ALP-conjugated (40 µg)****Product information**

Immunogen	Purified keyhole limpet hemocyanin (KLH), whole molecule,
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4, conjugated to ALP.
Format	Liquid
Quantity	40 µg
Storage	Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

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. Further information about it can be found [here](#).

Application information

Recommended dilution	1 : 5 000 (ELISA), 1 : 1000 (IL), 1 : 5 000 (WB)
Expected apparent MW	ca, 400 kDa/subunit
Confirmed reactivity	<i>Megathura crenulata</i> - most commonly used carrier protein
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
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. Optimal working dilution has to be determined by end user.