

Product no **AS22 4757**

**Anti-KLH | Keyhole Limpet Hemocyanin (monoclonal, clone 6D12)**

## Product information

<b>Immunogen</b>	Hemocyanin from <i>Megathura crenulata</i> .
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Subclass/isotype</b>	IgG1 / Kappa
<b>Purity</b>	Purified on Protein A to a total immunoglobulin fraction, in Tris 0.1 M, glycine 0.1 M and 2% sucrose.
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µg
<b>Reconstitution</b>	Reconstitute in distilled water.
<b>Storage</b>	Lyophilized powder is stable for a minimum of 2 years at -20°C. Reconstitute in distilled water before use. Store reconstituted antibodies at 4°C for up to a month and make aliquots for extended storage.

## Application information

<b>Recommended dilution</b>	1:10 000 - 1:100 000 (ELISA), 1: 500 - 1: 5000 (WB)
<b>Expected   apparent MW</b>	ca. 400 kDa/subunit
<b>Confirmed reactivity</b>	Reacts with Keyhole Limpet 8-9 kDa Hemocyanin protein.
<b>Additional information</b>	Protein present in plant vascular tissue (xylem and vascular cambium) is detected by anti-KLH antibodies ( <a href="#">Höglund et al. 2002</a> ) which might lead to false results in IL when using anti-peptide antibodies generated to KLH-conjugated peptide.
<b>Selected references</b>	To be added when available. Antibody released in April 2022.