

Product no **AS22 4757**

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

Product information

Immunogen	Hemocyanin from <i>Megathura crenulata</i> .
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1 / Kappa
Purity	Purified on Protein A to a total immunoglobulin fraction, in Tris 0.1 M, glycine 0.1 M and 2% sucrose.
Format	Lyophilized
Quantity	100 µg
Reconstitution	Reconstitute in distilled water.
Storage	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

Recommended dilution	1:10 000 - 1:100 000 (ELISA), 1: 500 - 1: 5000 (WB)
Expected apparent MW	ca. 400 kDa/subunit
Confirmed reactivity	Reacts with Keyhole Limpet 8-9 kDa Hemocyanin protein.
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.
Selected references	To be added when available. Antibody released in April 2022.