

Product datasheet for **AM08438PU-N**

KLH Mouse Monoclonal Antibody [Clone ID: 12B4.G3.A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	12B4.G3.A8
Applications:	ELISA, IHC, WB
Recommended Dilution:	This anti-KLH antibody can be used as a Control in various assays or in ELISA to detect KLH or KLH conjugates. <i>Recommended Dilutions:</i> ELISA: 1/20,000-1/100,000. Western Blot: 1/2,000-1/10,000. Immunohistochemistry: 1/1,000-1/5,000.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse was immunized with KLH (Keyhole Limpet Hemocyanin) followed by hybridoma development.
Specificity:	This antibody reacts specifically with KLH.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 State: Purified State: Liquid (sterile filtered) purified Ig fraction Stabilizer: None Preservative: 0.01% (w/v) Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background: KLH (Keyhole Limpet Hemocyanin) is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods. KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. KLH forms a large complex composed of ~50 kDa subunits.

Synonyms: Keyhole Limpet Hemocyanine