

Anti-KLH (MOUSE) Monoclonal Antibody
KLH Antibody
Catalog # ASR4217

Specification

Anti-KLH (MOUSE) Monoclonal Antibody - Product Information

Host	Mouse
Conjugate	Unconjugated
Clonality	Monoclonal
Application	WB, IHC, E, I, LCI
Application Note	Anti-KLH can be used as an IgM isotype control in various assays or in ELISA assays to detect KLH or KLH conjugates. Specific conditions for reactivity should be optimized by the end user.
Physical State	Liquid (sterile filtered)
Buffer	0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0
Immunogen	Anti-KLH (MOUSE) Monoclonal Antibody was produced in mouse by repeated immunizations with KLH (Keyhole Limpet Hemocyanin) followed by hybridoma development.
Preservative	0.1% (w/v) Sodium Azide

Anti-KLH (MOUSE) Monoclonal Antibody - Additional Information

Purity

Anti-KLH is a total IgM fraction prepared from ascites fluid by selective precipitation and tandem molecular sieve chromatography followed by extensive dialysis against the buffer stated above. KLH antibody is specific for KLH. Does not cross react with mouse heart or skin tissue sections. Cross-reactivity from other sources has not been determined.

Storage Condition

Store KLH antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-KLH (MOUSE) Monoclonal Antibody - Protein Information

Anti-KLH (MOUSE) Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-KLH (MOUSE) Monoclonal Antibody - Images

Anti-KLH (MOUSE) Monoclonal Antibody - Background

KLH antibody is used to detect Keyhole Limpet Hemocyanin. KLH is a copper-containing oxygen carrier occurring freely dissolved in the hemolymph of many mollusks 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.