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## Datasheet for ABIN129511 **anti-KLH antibody**

### Overview

Quantity:	500 µg
Target:	KLH
Reactivity:	Keyhole Limpet
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KLH antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	Anti-KLH (MOUSE) Monoclonal Antibody was produced in mouse by repeated immunizations with KLH (Keyhole Limpet Hemocyanin) followed by hybridoma development. Immunogen type: Native
Clone:	12B4-G3-A8
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

### Target Details

Target:	KLH
Abstract:	<a href="#">KLH Products</a>
Background:	Anti-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.

## Target Details

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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 Hemocyanin, KLH antibody, anti-KLH antibody

## Application Details

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Application Notes: Anti-KLH can be used as a 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.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.01% (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C