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Datasheet for ABIN93503

anti-KLH antibody

2 Images

Overview

Quantity:	50 µg
Target:	KLH
Reactivity:	Keyhole Limpet
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLH antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunolocalization (IL)

Product Details

Immunogen:	purified keyhole limpet hemocyanin (KLH), whole molecule
Isotype:	IgG
Predicted Reactivity:	Megathura crenulata - most commonly used carrier protein
Characteristics:	Expected / apparent Molecular Weight of the Antigene: Aprox. 400 kDa
Purification:	serum

Target Details

Target:	KLH
Abstract:	KLH Products
Background:	Keyhole limpet hemocyanin (KLH) is a large cooper-containing protein consisting of subunits with MW of 400 kDa. It is found in the hemolymph of the sea mollusk Megathura crenulata.

Target Details

This extracellular respiratory protein has many immunostimulatory properties, including the ability to enhance the host's immune response by interacting with T cells, monocytes, macrophages, and polymorphonuclear lymphocytes. Since its discovery, KLH has been used primarily as a carrier for vaccines and antigens and as adjuvant treatment in regimens such as antimicrobial therapy.

Molecular Weight: ca. 400 kDa/subunit

UniProt: [Q6KC56](#)

Application Details

Application Notes: Recommended Dilution: 1 : 10 000 (ELISA), 1 : 10 000 (WB), 1 : 1000 (IL).

Comment: Antibody can be used as a negative control to determine if observed signal is generated by anti-KLH or anti-peptide antibodies. Due to its large size KLH protein will be very difficult to separate on SDS-PAGE.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution please add 50 µL of dest. water

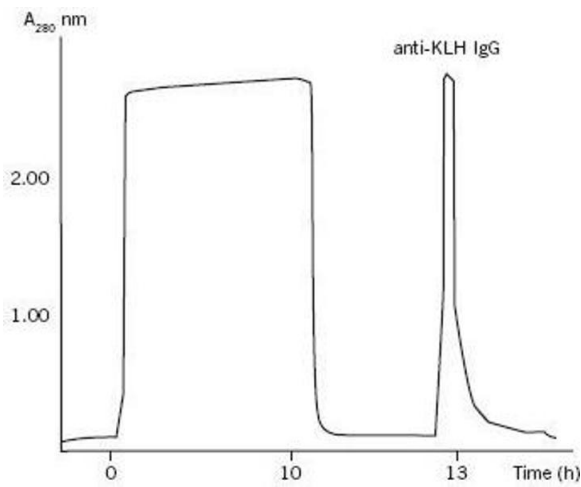
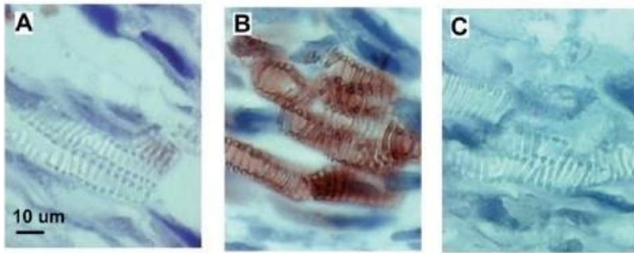
Buffer: PBS pH 7.4

Handling Advice: Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Once reconstituted make aliquots to avoid repeated freeze-thaw cycles.

Storage: -20 °C

Immunohistochemistry

Image 1.



ELISA

Image 2.