

# BioVision

## KLH Polyclonal Antibody

CATALOG NO. : A1053-30T 30 µg (Trial size)  
A1053-100 100 µg

ALTERNATE NAMES: Keyhole Limpet Hemocyanin

HOST: Rabbit

IMMUNOGEN: Keyhole Limpet Hemocyanin (Cat. No. 6286-1)

INTERNAL ID: BV-P24

PURIFICATION: Affinity purified rabbit IgG

FORM: Liquid

FORMULATION: 0.5 mg/ml antibody supplied in PBS (pH 7.2) with 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/thaw cycles.

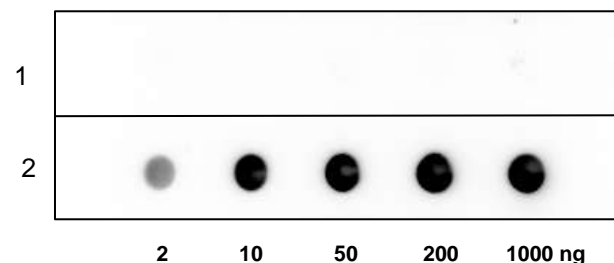
**DESCRIPTION** Hemocyanins are proteins that use copper binding sites to bind and transport oxygen in a variety of arthropods and mollusks. Hemocyanin is isolated from the hemolymph of the animals and is one of the strongest antigens known. Hemocyanin has been in use as an immunological reagent for many years. It is used as a carrier protein for antibody production against antigens. Recent advances in immunology and the role immune system plays in diseases have opened a whole new era of product development activities aimed at developing novel therapeutics which is aimed at teaching the body's immune system to fight diseases like cancer, AIDS, etc. The approach involves the use of highly immunogenic molecule like the hemocyanin for non-specific immunostimulation (NSI) or active specific immunostimulation (ASI) using conjugate vaccines, wherein the tumor (disease) specific antigens are covalently bound to carrier protein like KLH and the product used in human clinical studies. KLH antibody is used to detect Keyhole Limpet Hemocyanin in immunological assays.

**APPLICATION:** Western blot: 1-4 µg/ml  
Dot blot: 1-4 µg/ml

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.

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For research use only



**Dot blot analysis of KLH using anti- KLH antibody:**

Lane 1: BSA Lane 2: KLH

### RELATED PRODUCTS:

- Hemocyanin-Keyhole Limpet (KLH) subunits, solution (Cat # 6287-20)
- Hemocyanin-Keyhole Limpet (KLH), Native (Cat # 6288-25)
- Hemocyanin-Keyhole Limpet (KLH) subunits, powder (Cat # 6286-1)

**FOR RESEARCH USE ONLY! Not to be used on humans.**