

**A91409Ra01**  
**Polyclonal Antibody to Hemoglobin (HB)**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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5th Edition (Revised in January, 2013)

**[ PRODUCT INFORMATION ]**

**Immunogen:** HB

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Rat

**Ig type:** Rabbit IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F

**Form:** Liquid

**Size:** 50µg

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Full length Rat Hemoglobin

**USCN accession No.:** P91409Ra91

**[ RELEVANCE ]**

Hemoglobin is the iron-containing oxygen-transport metalloprotein in the red blood cells of all vertebrates as well as the tissues of some invertebrates. Hemoglobin in the blood carries oxygen from the respiratory organs (lungs or gills) to the rest of the body where it releases the oxygen to burn nutrients to provide energy to power the functions of the organism, and collects the resultant carbon dioxide to bring it back to the respiratory organs to be dispensed from the organism.

*Unique product Superb quality Client favorite Nicest service*  ISO9001:2008 ;  ISO13485:2003 ; 

## **[ ANTIBODY SPECIFICITY ]**

Anti HB is a rabbit polyclonal antibody raised against rat HB. This antibody has been selected for its ability to recognize rat HB in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH 7.4, containing 0.02% Na<sub>3</sub>N, 50% glycerol.

## **[ STORAGE ]**

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.