

PAB409Po01**Polyclonal Antibody to Hemoglobin (HB)****Organism Species: *Sus scrofa*; Porcine (Pig)*****Instruction manual***

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

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: Hemoglobin**Purification:** Affinity Chromatography.**Clonality:** Polyclonal**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Host:** Rabbit**Concentration:** 200µg/mL**Immunoglobulin Type:** IgG**UOM:** 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Native Protein.**Accession No.:** NPB409Po01

[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.

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against hemoglobin. It has been selected for its ability to recognize hemoglobin in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 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.