

# PRODUCT DATA SHEET



Bioworld Biotech Co., Ltd

## Human Hemoglobin antigen

Catalog: NBP0348

Host: Native

### Description:

Hemoglobin protein, also spelled haemoglobin, iron containing protein in the blood of many animals, in the red blood cells (erythrocytes) of vertebrates that transports oxygen to the tissues. Each hemoglobin molecule is made up of four heme groups surrounding a globin group, forming a tetrahedral structure. Heme, which accounts for only four percent of the weight of the molecule, is composed of a ringlike organic compound known as a porphyrin to which an iron atom is attached.

### Formulation:

Supplied as a 0.2  $\mu$ m filtered solution of PBS, pH7.4

### Quality control:

Mol Mass: 68 kDa

Purity:  $\geq$  90% as determined by reducing SDS-PAGE

### Application:

Immunogen, calibrator, standard or other applications

### Purification:

### Concentration:

Lot specific ( $\pm$ 20%)

### Storage:

Short term (up to 7 days) store at 2–8 °C. Long term, store at -20 °C. Avoid multiple freeze/thaw cycles.

### Shipping:

The product is shipped on ice pack. Upon receipt, store it immediately at -20 °C or lower.

### DATA:

### Note:

For research use only, not for use in diagnostic procedure.

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