

For Research Use Only

HBB Monoclonal antibody, PBS Only

Catalog Number: 67899-1-PBS



Basic Information

Catalog Number:

67899-1-PBS

Concentration:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9216

GenBank Accession Number:

BC007075

GeneID (NCBI):

3043

UNIPROT ID:

P68871

Full Name:

hemoglobin, beta

Calculated MW:

147 aa, 16 kDa

Observed MW:

14-16 Da

Purification Method:

Protein G purification

CloneNo.:

1A11E3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rabbit

Background Information

The hemoglobin molecule is a tetramer consisting of two alpha- and two beta-globin-like chains. HBB gene encodes hemoglobin beta chain. The hemoglobin chains, each with its own heme moiety, cooperate in binding and release of oxygen. Hemoglobin monomers have been found in blood and other tissues including macrophages, alveolar epithelial cells and brain. Defects in HBB have been linked to diseases including Sickle cell anemia, Beta-thalassemia, and Heinz body anemias.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

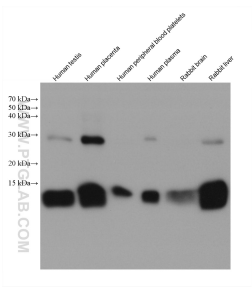
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67899-1-Ig (HBB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67899-1-PBS in a different storage buffer formulation.