

For Research Use Only

HBB Monoclonal antibody

Catalog Number: 67899-1-Ig



Basic Information

Catalog Number: 67899-1-Ig	GenBank Accession Number: BC007075	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 299 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3043	CloneNo.: 1A11E3
Source: Mouse	Full Name: hemoglobin, beta	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 147 aa, 16 kDa	
Immunogen Catalog Number: AG9216	Observed MW: 14-16 Da	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human testis tissue, human placenta, human peripheral blood platelets, human plasma, rabbit brain, rabbit liver
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

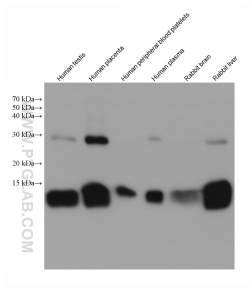
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.