

For Research Use Only

HBE1-Specific Monoclonal antibody, PBS Only



Catalog Number: 66151-1-PBS

Basic Information

Catalog Number: 66151-1-PBS	GenBank Accession Number: NM_005330	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 3046	CloneNo.: 2C11G6
Source: Mouse	UNIPROT ID: P02100	
Isotype: IgG1	Full Name: hemoglobin, epsilon 1	
	Observed MW: 16 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

The hemoglobin molecule is a tetramer consisting of two α -globin-like polypeptide chains and two β -globin-like chains. The human hemoglobin genes are expressed in a tightly developmentally controlled fashion. ϵ -globin (HBE1) is the predominantly expressed gene during the embryonic stage. The epsilon hemoglobin chain seems to be the best marker for fetal nucleated red blood cells (NRBCs). Anti-HBE1 may be used to label and isolate fetal cells from maternal blood and can be useful in prenatal diagnosis. This antibody specifically recognizes the HBE1 and doesn't cross-react with other globin chains.

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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

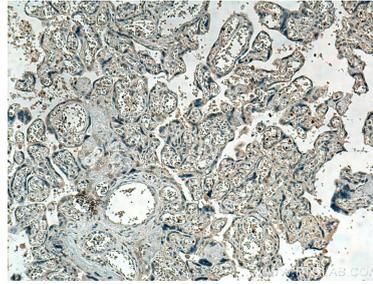
W: ptgcn.com

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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 66151-1-Ig (HBE1-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66151-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66151-1-Ig (HBE1-Specific antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66151-1-PBS in a different storage buffer formulation.