

For Research Use Only

HBE1-Specific Monoclonal antibody, PBS Only



Catalog Number: 66151-1-PBS

Basic Information

Catalog Number:

66151-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_005330

GeneID (NCBI):

3046

UNIPROT ID:

P02100

Full Name:

hemoglobin, epsilon 1

Observed MW:

16 kDa

Purification Method:

Protein G purification

CloneNo.:

2C11G6

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:

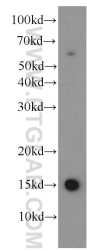
T: 4006900926

E: Proteintech-CN@ptglab.com

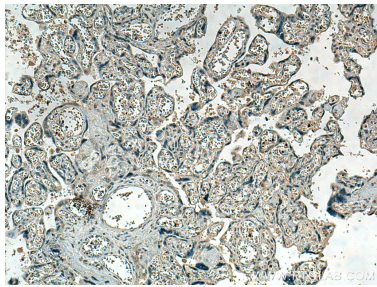
W: ptgcn.com

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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.