

For Research Use Only

HBG 1-Specific Monoclonal antibody

Catalog Number: 66168-1-Ig



Basic Information

Catalog Number: 66168-1-Ig	GenBank Accession Number: NM_000559	Purification Method: Protein A purification
Size: 150ul , Concentration: 1473 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3047	CloneNo.: 2A4B5
Source: Mouse	Full Name: hemoglobin, gamma A	Recommended Dilutions: IHC 1:200-1:16000
Isotype: IgG2a	Calculated MW: 16 kDa	

Applications

Tested Applications: FC, IHC, ELISA	Positive Controls: IHC : human placenta tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

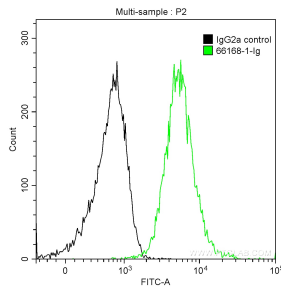
Storage

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

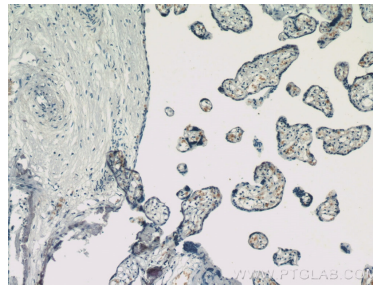
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

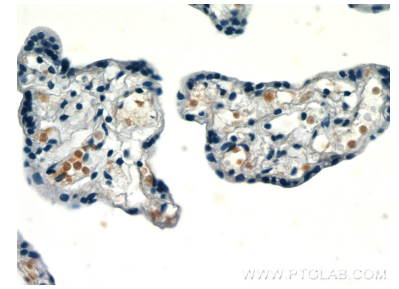
Selected Validation Data



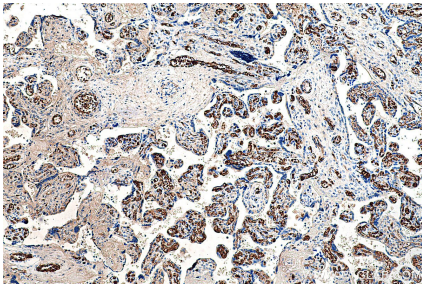
1×10^6 K-562 cells were intracellularly stained with 0.2 μ g Anti-Human HBG1-Specific (66168-1-Ig, Clone:2A4B5) and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 μ g Control Antibody. Cells were fixed with 90% MeOH.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66168-1-Ig (HBG1-Specific antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66168-1-Ig (HBG1-Specific antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66168-1-Ig (HBG1-Specific antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).