

For Research Use Only

GATA2 Monoclonal antibody, PBS Only



Catalog Number: 67722-1-PBS

Basic Information

Catalog Number:

67722-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1557

GenBank Accession Number:

BC018988

GeneID (NCBI):

2624

ENSEMBL Gene ID:

ENSG00000179348

UNIPROT ID:

P23769

Full Name:

GATA binding protein 2

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

2B5A1

Applications

Tested Applications:

Indirect ELISA, IF/ICC, WB

Species Specificity:

rat, mouse, human

Background Information

GATA2 is a member of GATA family of transcription factors that contains zinc fingers in DNA binding domain. GATA2 acts as a transcriptional activator that regulates endothelin-1 expression in endothelial cells. Together with GATA3, GATA2 regulates adipocyte differentiation through molecular control of the preadipocyte-adipocyte transition. It also affect the activity of Rho inhibitor p190RhoGAP that controls capillary network formation in vitro and retinal angiogenesis in vivo.

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:

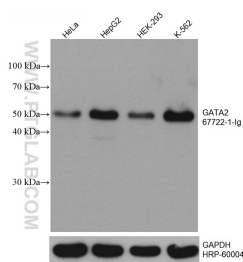
T: 4006900926

E: Proteintech-CN@ptglab.com

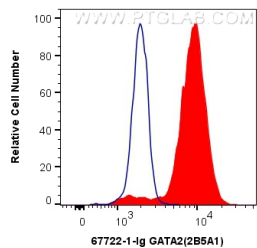
W: ptgcn.com

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

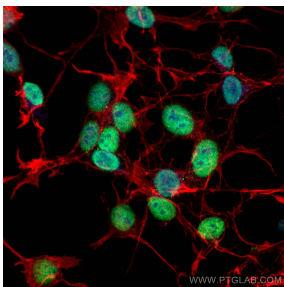
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67722-1-Ig (GATA2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67722-1-PBS in a different storage buffer formulation.



1X10⁶ K-562 cells were intracellularly stained with 0.5 ug Anti-Human GATA2 (67722-1-Ig, Clone:2B5A1) (red) labeled with FlexAble CoraLite® Plus 555 Antibody Labeling Kit for Mouse IgG1 (KFA022), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 67722-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using GATA2 antibody (67722-1-Ig, Clone: 2B5A1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67722-1-PBS in a different storage buffer formulation.