

For Research Use Only

CoraLux Violet 510-conjugated GATA2 Monoclonal antibody

Catalog Number: CLV510-67722



Basic Information

Catalog Number:

CLV510-67722

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 G purification

CloneNo.:

2B5A1

Recommended Dilutions:

FC (Intra): 0.8 ug per 10^6 cells in a
100 μ l suspension

Excitation/Emission maxima
wavelengths:

408 nm / 496 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : K-562 cells,

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 -20°C . Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

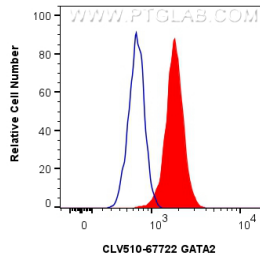
T: 4006900926

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



1x10⁶ K-562 cells were intracellularly stained with 0.8 μ g CoraLux Violet 510-conjugated GATA2 Monoclonal antibody (CLV510-67722, Clone:2B5A1)(red), or 0.8 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).