

For Research Use Only

# CoraLite® Plus 488-conjugated GATA2 Monoclonal antibody



Catalog Number:CL488-67722

## Basic Information

<b>Catalog Number:</b> CL488-67722	<b>GenBank Accession Number:</b> BC018988	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2624	<b>CloneNo.:</b> 2B5A1
<b>Source:</b> Mouse	<b>Full Name:</b> GATA binding protein 2	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG1	<b>Observed MW:</b> 50 kDa	
<b>Immunogen Catalog Number:</b> AG1557		

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, mouse

## 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.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

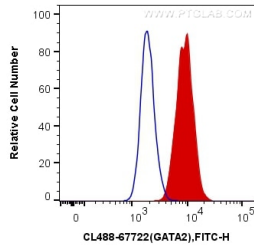
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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](mailto:proteintech@ptglab.com) W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human GATA2 (CL488-67722, Clone:2B5A1) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).