

À des fins de recherche uniquement

# Anticorps Monoclonal anti-GATA2

Numéro de catalogue: 67722-1-Ig



## Informations de base

Numéro de catalogue: 67722-1-Ig	Numéro d'acquisition GenBank: BC018988	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2624	CloneNo.: 2B5A1
Hôte: Mouse	Nom complet: GATA binding protein 2	Dilutions recommandées: WB 1:1000-1:8000 IF 1:200-1:800
Isotype: IgG1	MW observés: 50 kDa	
Immunogen Catalog Number: AG1557		

## Applications

Applications testées:  
FC, IF, WB, ELISA

Spécificité de l'espèce:  
Humain, souris

### Contrôles positifs:

WB : cellules HeLa, cellules bEnd.3, cellules HEK-293,  
cellules HepG2, cellules HUVEC, cellules K-562,  
cellules LNCaP, cellules NIH/3T3, cellules PC-12

IF : cellules L02,

## Informations générales

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.

## Stockage

Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

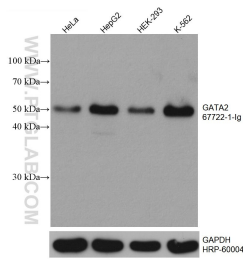
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

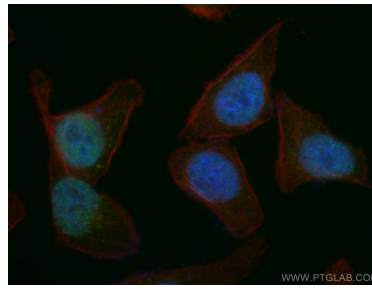
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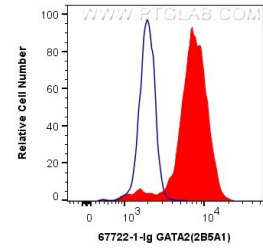
## Données de validation sélectionnées



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.



Immunofluorescent analysis of (4% PFA) fixed L02 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), CL594-Phalloidin (red).



$1 \times 10^6$  K-562 cells were intracellularly stained with 0.5  $\mu$ g 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  $\mu$ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).