

À des fins de recherche uniquement

Anticorps Monoclonal anti-GATA1

Numéro de catalogue: 60011-1-Ig

Phare

7 Publications



Informations de base

Numéro de catalogue: 60011-1-Ig	Numéro d'acquisition GenBank: BC009797	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 913 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2623	CloneNo.: 5E2A8
Hôte: Mouse	Nom complet: GATA binding protein 1 (globin transcription factor 1)	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:400-1:1600 FC 1:50-1:500
Isotype: IgG1	MW calculé: 43 kDa	
Immunogen Catalog Number: AG1350	MW observés: 43 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HL-60, cellules Jurkat, cellules K-562, cellules Raji

IHC : tissu d'hyperplasie mammaire humain,

FC : cellules Jurkat,

Informations générales

GATA1 is first identified as a member of the GATA transcription factor family, whose members bind the consensus (WGATAR) binding motif [PMID:22937757]. GATA1, a zinc finger DNA-binding transcription factor, plays a critical role in the normal development of hematopoietic cell lineages. The protein contains an N-terminal region that confers transcriptional activity and a C-terminal domain that mediates binding to DNA and other factors [PMID: 8524811]. GATA-1 is also implicated in regulating the expression of the erythroid and megakaryocytic-specific genes [PMID:22937757].

Publications notables

Autrice	Pubmed ID	Journal	Application
Wenqian Yu	31685800	Cell Death Dis	WB
Xuejun Ge	35644988	J Cell Mol Med	WB
T Michael Creed	31806659	Development	IF

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.

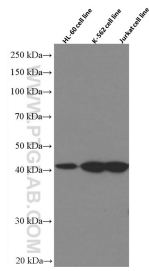
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

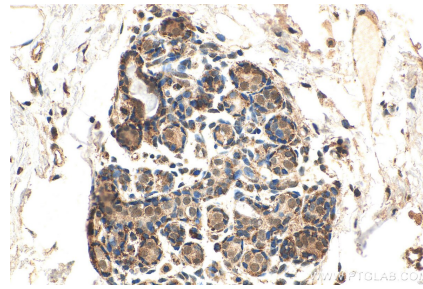
E: proteintech@ptglab.com
W: ptglab.com

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

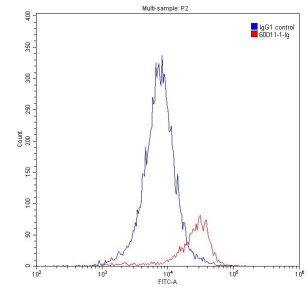
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 60011-1-g (GATA1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 60011-1-g (GATA1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were stained with 0.20ug GATA1 antibody (60011-1-g, red) and control antibody (blue). Fixed with 90% MeOH.