

À des fins de recherche uniquement

Anticorps Monoclonal anti-c-MYC

Numéro de catalogue: 67447-1-Ig

Phare

59 Publications



Informations de base

Numéro de catalogue: 67447-1-Ig	Numéro d'acquisition GenBank: BC000141	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop;	Identification du gène (NCBI): 4609	CloneNo.: 3D9C12
Hôte: Mouse	Nom complet: v-myc myelocytomatosis viral oncogene homolog (avian)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	MW calculé 49 kDa	
Immunogen Catalog Number: AG17519	MW observés: 55-60 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

ChIP, CoIP, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules MDA-MB-231, cellules 4T1, cellules HL-60, cellules HSC-T6, cellules HT-29, cellules K-562, cellules NIH/3T3, cellules PC-3, cellules Raji, cellules RAW 264.7

IHC : tissu de cancer du côlon humain, tissu cérébral de souris, tissu d'amygdalite humain

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.

Informations générales

MYC contains one basic helix-loop-helix (bHLH) domain. This protein is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. It seems to activate the transcription of growth-related genes. It binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiawei Hao	36126167	Autophagy	WB
Lin Lv	33045632	Vet Microbiol	WB,CoIP
Han Li	36294896	Life (Basel)	WB

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.

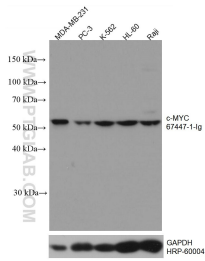
For technical support and original validation data for this product please contact:

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

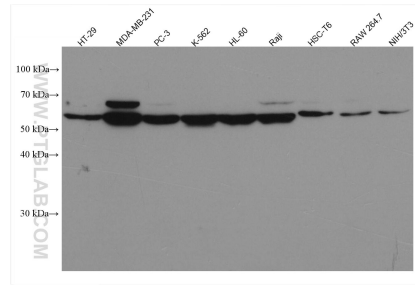
E: proteintech@ptglab.com
W: ptglab.com

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

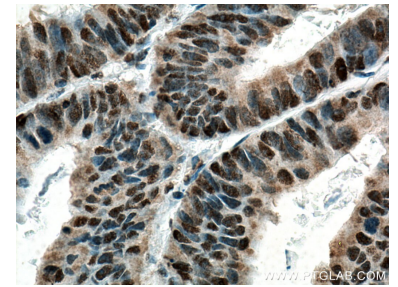
Données de validation sélectionnées



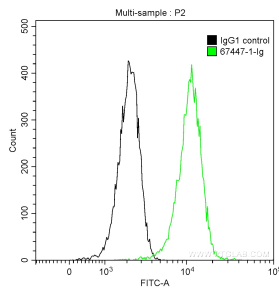
Various lysates were subjected to SDS PAGE followed by western blot with 67447-1-Ig (MYC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67447-1-Ig (c-MYC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67447-1-Ig (c-MYC antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 K-562 cells were intracellularly stained with 0.2 μ g Anti-Human c-MYC (67447-1-Ig, Clone:3D9C12) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).