

Allgemeine Informationen

Katalog-Nr.: 67447-1-Ig	GenBank-Zugangsnummer: BC000141	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1500 µg/ml von4609 Nanodrop;	GeneID (NCBI): v-myc myelocytomatosis viral oncogene homolog (avian)	CloneNo.: 3D9C12
Wirt: Maus	Vollständiger Name: v-myc myelocytomatosis viral oncogene homolog (avian)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotyp: IgG1	Berechnete Masse: 49 kDa	
Immunogen Katalognummer: AG17519	Beobachtete Masse: 55-60 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC : humanes Kolonkarzinomgewebe, humanes Tonsillitisgewebe, Maushirngewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

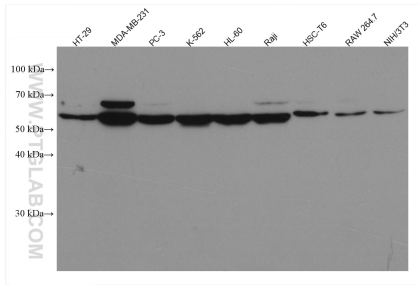
For technical support and original validation data for this product please contact:

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

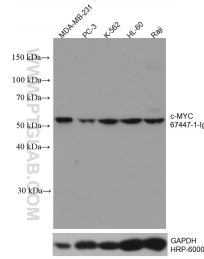
E: proteintech@ptglab.com
W: ptglab.com

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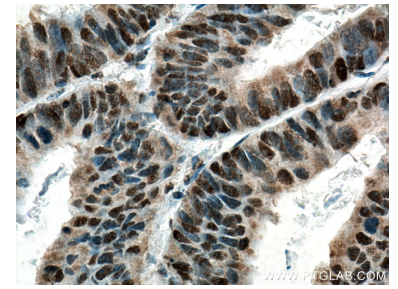
Ausgewählte Validierungsdaten



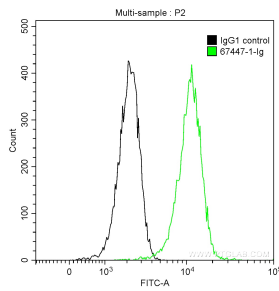
Various lysates were subjected to SDS PAGE followed by western blot with 67447-1-Ig (c-MYC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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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).



1X10⁶ K-562 cells were intracellularly stained with 0.2 ug 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 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).