

Nur für Forschungszwecke

c-MYC Polyklonaler Antikörper

Katalog-Nr.:10828-1-AP

Vorgestelltes Produkt

496 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10828-1-AP

Größe:
150ul, Konzentration: 800 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1263

GenBank-Zugangsnummer:
BC000141

GeneID (NCBI):
4609

Vollständiger Name:
v-myc myelocytomatosis viral
oncogene homolog (avian)

Berechnete Masse:
49 kDa

Beobachtete Masse:
62-65 kDa, 50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:12000

IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

chIP, CoIP, EMSA, IF, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte

Positivkontrollen:

WB : HeLa-Zellen, A549-Zellen, HepG2-Zellen, HL-60-Zellen, HT-29-Zellen, humanes Plazenta-Gewebe, Jurkat-Zellen, Jurkat-Zellen und Raji-Zellen., Raji-Zellen, SH-SY5Y-Zellen

IP : MCF-7-Zellen,

IF : U2OS-Zellen, HEK-293-Zellen

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. This antibody is a rabbit polyclonal antibody raised against recombinant protein of human MYC. The 50kDa band recognized by antibody is the native form of MYC, while the other bands, between 60-70kDa, are the phosphorylated form of MYC [PMID: 12189186]

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ruosi Yao	33061303	Drug Des Devel Ther	WB
Zhen-Yu Shi	29039446	Int J Mol Med	WB
Ke-Xin Wang	34649212	Phytomedicine	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

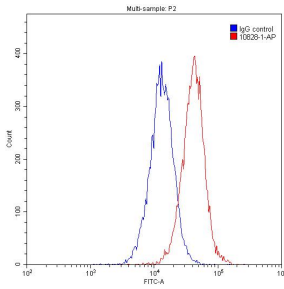
For technical support and original validation data for this product please contact:

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

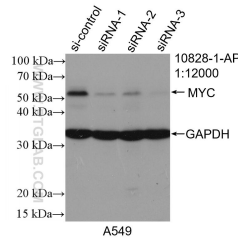
E: proteintech@ptglab.com
W: ptglab.com

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

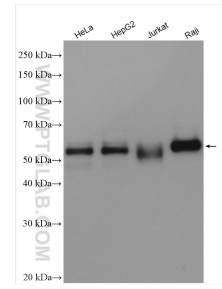
Ausgewählte Validierungsdaten



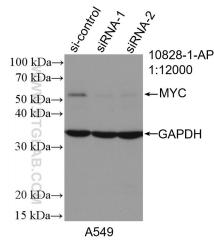
1X10⁶ HeLa cells were stained with 0.20ug c-MYC antibody (10828-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.



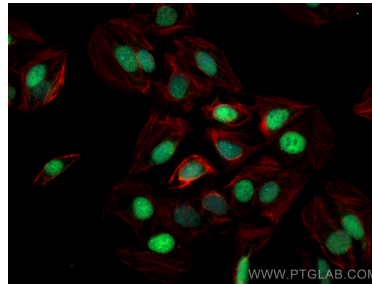
WB result of c-MYC antibody (10828-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-c-MYC transfected A549 cells.



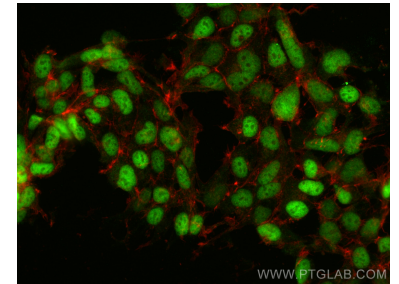
Various lysates were subjected to SDS PAGE followed by western blot with 10828-1-AP (c-MYC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



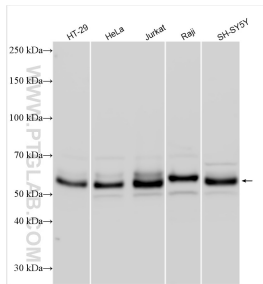
WB result of c-MYC antibody (10828-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-c-MYC transfected A549 cells.



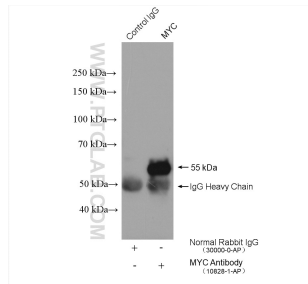
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using c-MYC antibody (10828-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



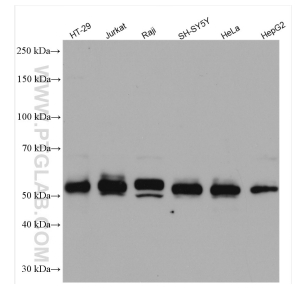
Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using c-MYC antibody (10828-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



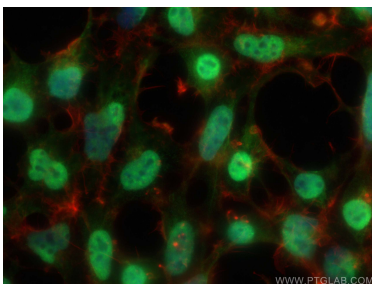
Various lysates were subjected to SDS PAGE followed by western blot with 10828-1-AP (c-MYC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-c-MYC (IP:10828-1-AP, 4ug; Detection:10828-1-AP 1:1000) with MCF-7 cells lysate 1660 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 10828-1-AP (c-MYC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using c-MYC antibody (10828-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).