

Nur für Forschungszwecke

# c-MYC Monoklonaler Antikörper

Katalog-Nr.:CL555-67447



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-67447	<b>GenBank-Zugangsnummer:</b> BC000141	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von 4609 Nanodrop;	<b>GeneID (NCBI):</b> v-myc myelocytomatosis viral oncogene homolog (avian)	<b>CloneNo.:</b> 3D9C12
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> v-myc myelocytomatosis viral oncogene homolog (avian)	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 557 nm / 570 nm
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 49 kDa	
<b>Immunogen Katalognummer:</b> AG17519	<b>Beobachtete Masse:</b> 55-60 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## 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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, 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



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human c-MYC (CL555-67447, Clone:3D9C12) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).