

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66867-2-Ig	<b>GenBank-Zugangsnummer:</b> BC029608	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1600 µg/ml von253260 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> von253260	<b>CloneNo.:</b> 1D1C4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> rapamycin-insensitive companion of mTOR	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 192 kDa	
<b>Immunogen Katalognummer:</b> AG28487	<b>Beobachtete Masse:</b> 192 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB,ELISA	<b>Positivkontrollen:</b> WB : NCI-H1299-Zellen, HEK-293-Zellen, HeLa-Zellen
<b>In Publikationen genannte Anwendungen:</b> WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human	

## Hintergrundinformationen

RICTOR, is a key component of the mTOR complex 2 (mTORC2) and is required for phosphorylation of Akt at serine 473. RICTOR is the upstream kinase of several AGC kinase family members including AKT, SGK, S6K mutants and several PKC isoforms. Activation of RICTOR-mTORC2 modifies actin organization and promotes cell proliferation and survival. Rictor is overexpressed in several cancers leading to hyperactive mTORC2 and has been shown to play a causal role in glioma formation. Rictor expression has been demonstrated to be regulated transcriptionally and via protein degradation.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xuyang Zhao	32850947	Front Mol Biosci	WB

## Lagerung

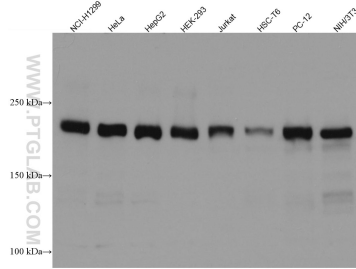
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

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

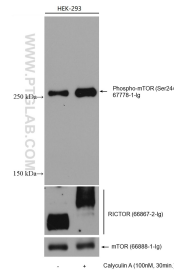
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

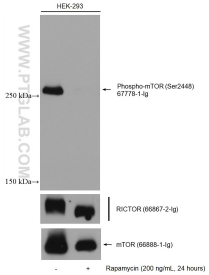
## Ausgewählte Validierungsdaten



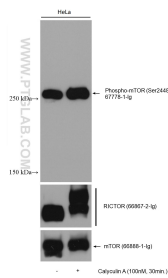
Various lysates were subjected to SDS PAGE followed by western blot with 66867-2-Ig (RICTOR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Non-treated and Calyculin A treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.



Non-treated and Rapamycin treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.