

Nur für Forschungszwecke

# Tom22 Monoklonaler Antikörper

Katalog-Nr.:CL594-66562



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66562	<b>GenBank-Zugangsnummer:</b> BC009363	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von56993 Nanodrop;	<b>GeneID (NCBI):</b> 56993	<b>CloneNo.:</b> 1C2B11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> translocase of outer mitochondrial membrane 22 homolog (yeast)	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 15 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG1797	<b>Beobachtete Masse:</b> 22 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), WB	<b>Positivkontrollen:</b> WB : HeLa-Zellen, HEK-293-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

TOMM22 is a central receptor component of the translocase of the outer membrane of mitochondria responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. It is showed in UniProt that phosphorylation is performed at three positions of this protein which may increase the molecular weight. Catalog#66562-1-Ig recognises the 22 kDa protein larger than the calculated MW which is 15 kDa. Besides, it has been reported the MV of TOMM22 is 22 kDa (PMID:19285029).

## 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**

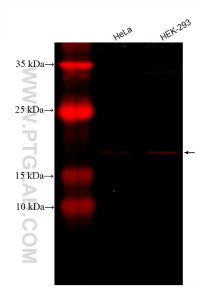
For technical support and original validation data for this product please contact:

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

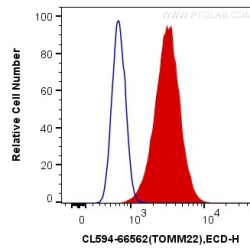
E: proteintech@ptglab.com  
W: ptglab.com

**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 CL594-66562 (TOMM22 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.4  $\mu$ g CoraLite<sup>®</sup>594 Anti-Human Tom22 (CL594-66562, Clone:1C2B11) (red), or 0.4  $\mu$ g Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).