

Nur für Forschungszwecke

# TMEM173/STING Rekombinanter Antikörper

Katalog-Nr.:80165-1-RR



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 80165-1-RR	<b>GenBank-Zugangsnummer:</b> BC047779	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von340061	<b>GeneID (NCBI):</b> 340061	<b>CloneNo.:</b> 7K7
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> transmembrane protein 173	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug für IP und 1:2000-1:16000 für WB
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 379 aa, 42 kDa	<b>IHC 1:1000-1:4000</b>
<b>Isotyp:</b> IgG	<b>Beobachtete Masse:</b> 37 kDa	<b>IF 1:50-1:500</b>
<b>Immunogen Katalognummer:</b> AG13921		

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### Getestete Reaktivität:

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:** HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, MOLT-4-Zellen, NIH/3T3-Zellen, THP-1-Zellen

**IP:** HeLa-Zellen,

**IHC:** humanes Tonsillitisgewebe, humanes Lebergewebe

**IF:** THP-1-Zellen, humanes Tonsillitisgewebe

## Hintergrundinformationen

Stimulator of interferon genes (STING, also known as ERS1, MIRA and MPYS, and encoded by TMEM173) is a transmembrane adaptor protein that facilitates innate immune signaling (PMID: 18724357). STING is widely expressed in various cell types such as endothelial cells, epithelial cells, T cells, macrophages, and dendritic cells (PMID: 26603901). It is predominantly located in the endoplasmic reticulum (ER). STING functions as a sensor of cytosolic DNA and promotes the production of type I interferons and pro-inflammatory cytokines.

## 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

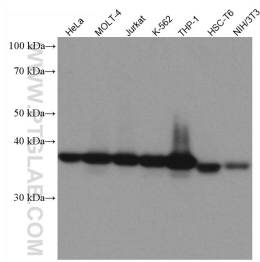
For technical support and original validation data for this product please contact:

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

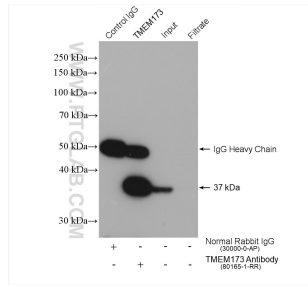
E: proteintech@ptglab.com  
W: ptglab.com

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

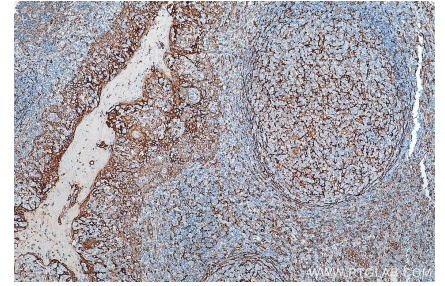
## Ausgewählte Validierungsdaten



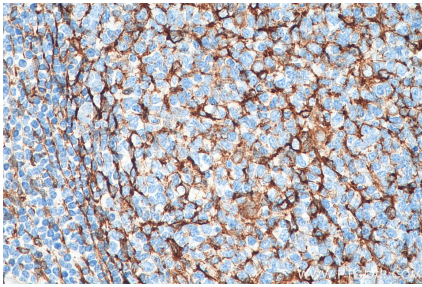
Various lysates were subjected to SDS PAGE followed by western blot with 80165-1-RR (TMEM173/STING antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



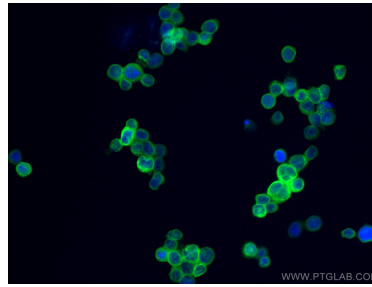
IP result of anti-TMEM173/STING (IP: 80165-1-RR, 4ug; Detection: 80165-1-RR 1:8000) with HeLa cells lysate 1800 ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 80165-1-RR (TMEM173/STING antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 80165-1-RR (TMEM173/STING antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using TMEM173/STING antibody (80165-1-RR, Clone: 7K7) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).