

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-TMEM173/STING



Numéro de catalogue: 80165-1-RR

## Informations de base

Numéro de catalogue: 80165-1-RR	Numéro d'acquisition GenBank: BC047779	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 340061	CloneNo.: 7K7
Hôte: Lapin	Nom complet: transmembrane protein 173	Dilutions recommandées: WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:2000-1:16000 for WB
Isotype: IgG	MW calculé: 379 aa, 42 kDa	IHC 1:1000-1:4000 IF 1:50-1:500
Immunogen Catalog Number: AG13921	MW observés: 37 kDa	

## Applications

### Applications testées:

IF, IHC, IP, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules MOLT-4, cellules NIH/3T3, cellules THP-1

IP : cellules HeLa,

IHC : tissu d'amygdalite humain, tissu hépatique humain

IF : cellules THP-1, tissu d'amygdalite humain

## Informations générales

Stimulator of interferon genes (STING, also known as ERS1, MITA 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.

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

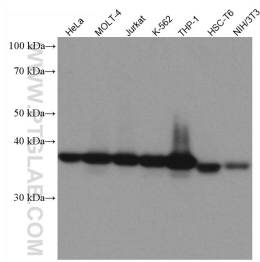
For technical support and original validation data for this product please contact:

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

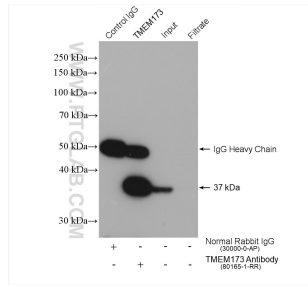
E: proteintech@ptglab.com  
W: ptglab.com

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

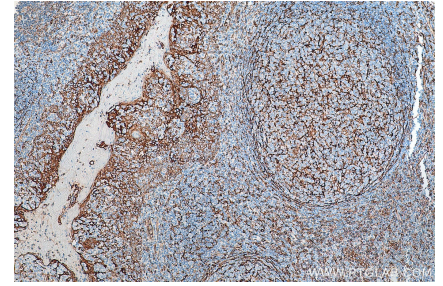
## Données de validation sélectionnées



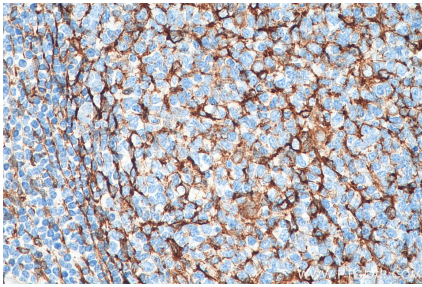
Various lysates were subjected to SDS PAGE followed by western blot with 80165-1-RR (TMEM173/STING antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



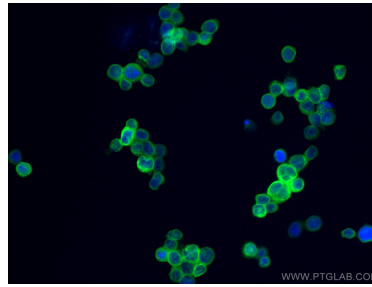
IP result of anti-TMEM173/STING (IP: 80165-1-RR, 4ug; Detection: 80165-1-RR 1:8000) with HeLa cells lysate 1800 ug.



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).