

Nur für Forschungszwecke

TMEM173/STING Monoklonaler Antikörper



Katalog-Nr.: 66680-1-Ig

Vorgestelltes Produkt

19 Publikationen

Allgemeine Informationen

Katalog-Nr.: 66680-1-Ig	GenBank-Zugangsnummer: BC047779	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1900 µg/ml von 340061	GeneID (NCBI): 340061	CloneNo.: 1F1E1
Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	Vollständiger Name: transmembrane protein 173	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000
Wirt: Maus	Berechnete Masse: 379 aa, 42 kDa	
Isotyp: IgG2b	Beobachtete Masse: 37 kDa	
Immunogen Katalognummer: AG20363		

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen, MOLT-4-Zellen, THP-1-Zellen IHC: humanes Tonsillitisgewebe, humanes Milzgewebe
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	
Getestete Reaktivität: Human, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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. STING is a 379 amino acid protein with a calculated molecular weight of 42 kDa. It has been observed at 35-40 kDa (PMID: 27324217; 29632140; 30918080), and 70-80 kDa corresponding to the expected size of a STING dimer (PMID: 25790474; 29491158).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Mu-zi Li	36238763	J Inflamm Res	WB, IHC, IF
Jiaqi Shi	34182334	Cell Immunol	WB
Ming Zou	35347235	Cell Death Differ	WB

Lagerung

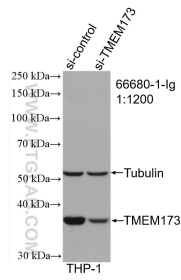
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

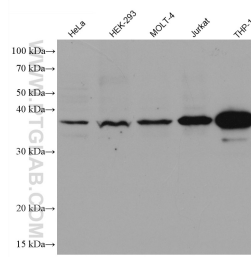
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

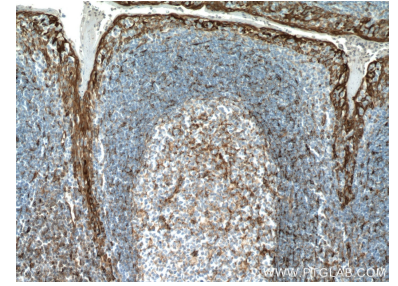
Ausgewählte Validierungsdaten



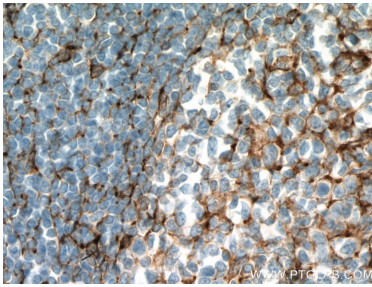
WB result of TMEM173/STING antibody (66680-1-Ig; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-TMEM173/STING transfected THP-1 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66680-1-Ig (TMEM173/STING antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66680-1-Ig (TMEM173/STING antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66680-1-Ig (TMEM173/STING antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).