For Research Use Only

TMEM173/STING Polyclonal ANTIBODY

Catalog Number: 19851-1-AP

Basic Information

Catalog Number: 19851-1-AP
Size: 50 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:500-1:2000 for WB
IHC: 1:200-1:200
IF: 1:50-1:500

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA
Cited Applications: IF, WB
Species Specificity: human, mouse, rat
Cited Species: human, mouse

Notable Publications

Author | Pubmed ID | Journal | Application
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Junji Xing | 29038422 | Nat Commun | IF
Poonam Malik | 25386906 | PLoS One | WB, IF
Chong Jie | 25285277 | Oncotarget | WB

Background Information

TMEM173, also named as ERIS, MITA, STRING and MPYS, is a facilitator of innate immune signaling that promotes the production of type I interferon (IFNα and IFNβ). TMEM173 mediates death signaling via activation of the extracellular signal-regulated kinase (ERK) pathway. There’re monomer (35-40 kDa) and dimer (80 kDa) form of TMEM173 in western blot test.

Storage

Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 19851-1-AP (TMEM173/STING antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Mouse thymus tissue were subjected to SDS PAGE followed by western blot with 19851-1-AP (TMEM173/STING antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human spleen using 19851-1-AP (TMEM173/STING antibody) at dilution of 1:100 (under 10x lens).


Immunofluorescent analysis of -20°C Ethanol fixed HepG2 cells using 19851-1-AP (TMEM173/STING antibody) at dilution of 1:50 and Alexa Fluor 488 conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

105/75 MCF-7 cells were stained with 0.2ug TMEM173/STING antibody (19851-1-AP red) and control antibody (blue). Fixed with 4% MeOH blocked with 5% BSA (30 min), Alexa Fluor 488 conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.