

# STING/TMEM173 Rabbit mAb

Catalog No.: A21051

Recombinant

11 Publications

## Basic Information

### Observed MW

42kDa/37kDa/37kDa/37kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC57967

## Background

This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:2000 - 1:20000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

340061

### Swiss Prot

Q86WV6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 150-379 of human STING/TMEM173 (NP\_938023.1).

### Synonyms

ERIS; MITA; MPYS; SAVI; NET23; STING; hMITA; hSTING; TMEM173; STING-beta; STING/TMEM173

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

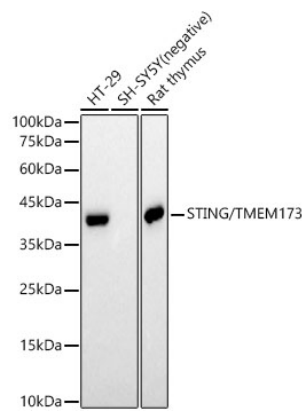
Affinity purification

### Storage

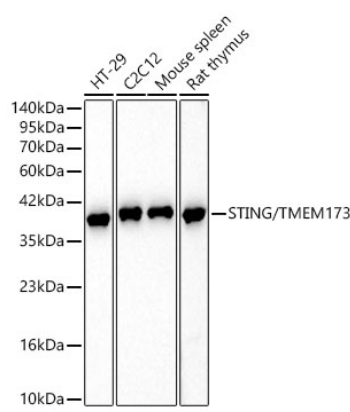
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

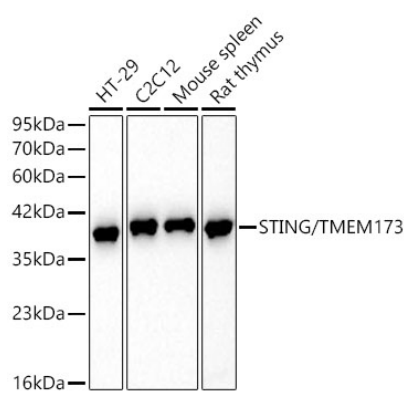
Validation Data



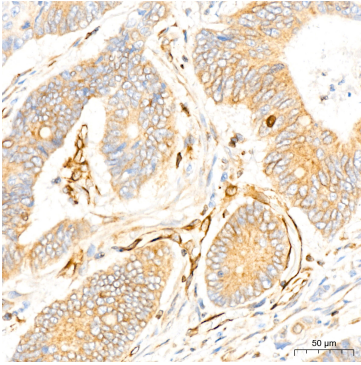
Western blot analysis of various lysates, using STING/TMEM173 Rabbit mAb (A21051) at 1:20000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



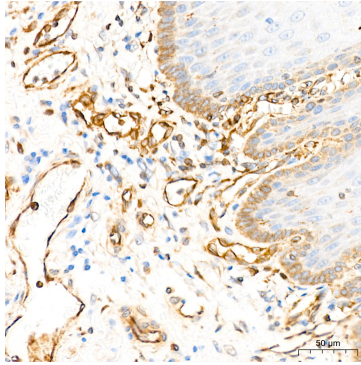
Western blot analysis of various lysates using STING/TMEM173 Rabbit mAb (A21051) at 1:5000 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection:ECL Basic Kit (RM00020).  
Exposuretime: 60s.



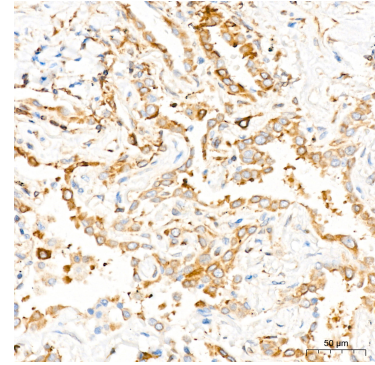
Western blot analysis of various lysates using STING/TMEM173 Rabbit mAb (A21051) at 1:5000 dilution.  
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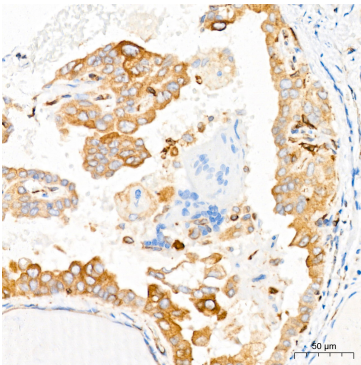
Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded human colon carcinoma tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



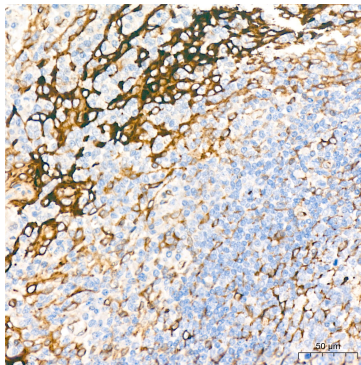
Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded human esophagus tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



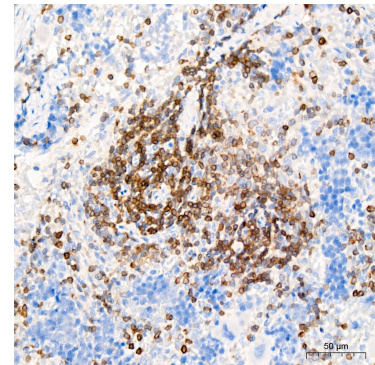
Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded human lung cancer tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded human thyroid cancer tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded human tonsil tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STING/TMEM173 in paraffin-embedded rat spleen tissue using STING/TMEM173 Rabbit mAb (A21051) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.