

# Phospho-STING/TMEM173-S366 Rabbit pAb

Catalog No.: AP1223 **2 Publications**

## Basic Information

**Observed MW**

40kDa

**Calculated MW**

42kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human

## 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** 1:500 - 1:1000

## Immunogen Information

**Gene ID**

340061

**Swiss Prot**

Q86WV6

**Immunogen**

A synthetic phosphorylated peptide around S366 of human STING/TMEM173 (NP\_938023.1).

**Synonyms**

ERIS; MITA; MPYS; SAVI; NET23; STING; hMITA; hSTING; TMEM173; STING-beta; Phospho-STING/TMEM173-S366

## 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

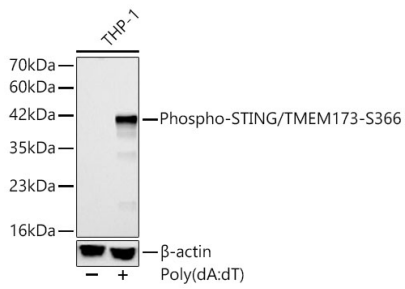
**Storage**

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

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

## Validation Data

---



Western blot analysis of lysates from THP-1 cells using Phospho-STING/TMEM173-S366 Rabbit pAb (AP1223) at 1:500 dilution. THP-1 cells were differentiated with TPA (200 nM) for 15 minutes and transfected with poly(dA:dT) (5 $\mu$ g/mL) for 3 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 30s.