

Phospho-STING/TMEM173-S366 Rabbit mAb

Catalog No.: AP1369

Recombinant

10 Publications

Basic Information

Observed MW

40kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

CloneNo number

ARC57910

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 1:1000 - 1:2000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

340061

Swiss Prot

Q86WV6

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

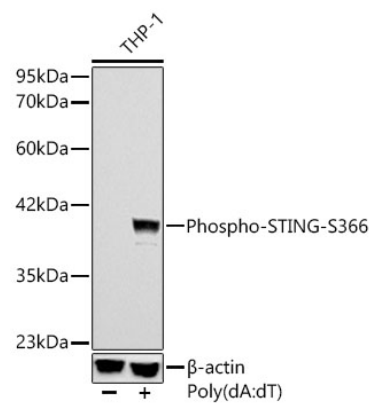
Affinity purification

Storage

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

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from THP-1 cells, using Phospho-STING/TMEM173-S366 Rabbit mAb (AP1369) at 1:1000 dilution. THP-1 cells were transfection with poly(dA:dT) (5µg/mL) for 3 hours. Secondary antibody: HRP-conjugated 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: 10s.