

STING / TMEM173 Polyclonal Antibody

Catalog No. E-AB-63232

Note: Centrifuge before opening to ensure complete recovery of vial contents.

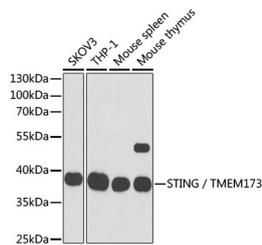
Description

| | |
|---------------------|--|
| Reactivity | Human, Mouse, Rat |
| Immunogen | Recombinant fusion protein of human STING / TMEM173 (NP_938023.1). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

Applications Recommended Dilution

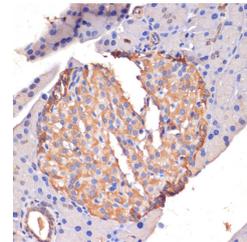
WB 1:500-1:2000 IHC
1:50-1:200 IF
1:50-1:200

Data

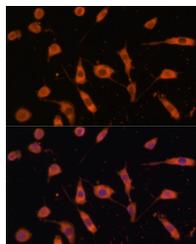


Western blot analysis of extracts of various cell lines using STING / TMEM173 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:39kDa
Calculated Mw:42kDa



Immunohistochemistry of paraffin-embedded Rat pancreas using STING / TMEM173 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using STING / TMEM173 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

For Research Use Only

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

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.