

## Rabbit STING/TMEM173 Polyclonal Antibody | anti-STING/TMEM173 antibody

STING/TMEM173 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA314699</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

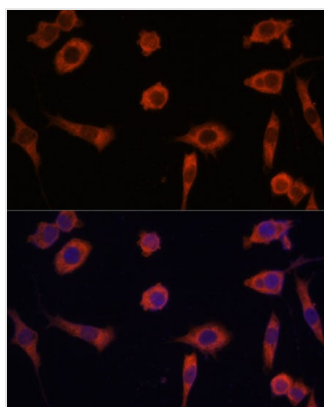
### PRODUCT SYNONYMS

STING/TMEM173; Polyclonal Antibody; STING/TMEM173 Rabbit Polyclonal Antibody; TMEM173; ERIS; MITA; MPYS; NET23; SAVI; STING; hMITA; hSTING; anti-STING/TMEM173 antibody

### PRODUCT SPECIFICATIONS

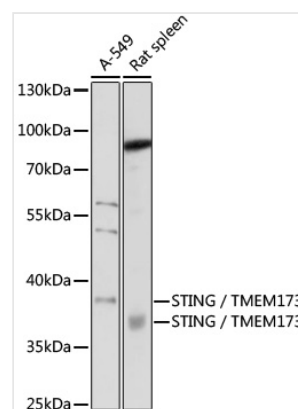
|                                                         |                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------|
| Host                                                    | Rabbit                                                           |
| Reactivity                                              | Human, Mouse, Rat                                                |
| Clonality                                               | Polyclonal                                                       |
| Isotype                                                 | IgG                                                              |
| Purity/Purification                                     | Affinity purification                                            |
| Form/Format                                             | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.        |
| Applicable Applications for anti-STING/TMEM173 antibody | IF (Immunofluorescence), WB (Western Blot)                       |
| Immunogen                                               | Recombinant fusion protein of human STING/TMEM173 (NP_938023.1). |
| Preparation and Storage                                 | Store at -20 degree C. Avoid freeze/thaw cycles.                 |

### IMAGES



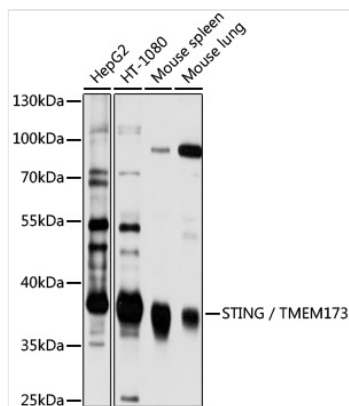
**IF (Immunofluorescence)**

Immunofluorescence analysis of L929 cells using STING/TMEM173 antibody.



**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using STING/TMEM173 antibody.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STING TMEM173 antibody.

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-STING/TMEM173 antibody | 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. |
| Product Categories/Family for anti-STING/TMEM173 antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 38093659                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 340061                                                                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_938023.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_198282.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | Q86WV6; A8K3P6; B6EB35; D6RBX0; D6RE01; D6RID9                                                                                                                                                                                                                  |
| Molecular Weight                 | 379                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | stimulator of interferon genes protein                                                                                                                                                                                                                          |
| NCBI Official Synonym Full Names | transmembrane protein 173                                                                                                                                                                                                                                       |
| NCBI Official Symbol             | TMEM173                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | ERIS; MITA; MPYS; NET23; STING                                                                                                                                                                                                                                  |
| NCBI Protein Information         | stimulator of interferon genes protein; hMITA; hSTING; mediator of IRF3 activation; endoplasmic reticulum IFN stimulator; mitochondrial mediator of IRF3 activation; endoplasmic reticulum interferon stimulator; N-terminal methionine-proline-tyrosine-serine |
| UniProt Protein Name             | Stimulator of interferon genes protein                                                                                                                                                                                                                          |
| UniProt Gene Name                | <b>TMEM173</b>                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | ERIS; MITA; STING; hSTING; ERIS; hMITA                                                                                                                                                                                                                          |
| UniProt Entry Name               | STING_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

