

# STING / TMEM173 Polyclonal Antibody

Catalog No: #30469



Package Size: #30469-1 50ul #30469-2 100ul

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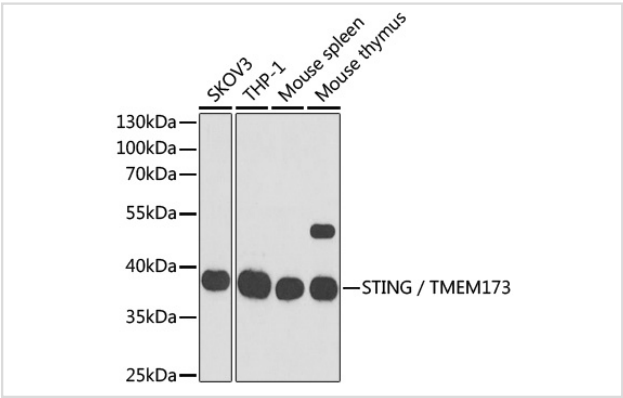
## Description

Product Name	STING / TMEM173 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human STING / TMEM173 (NP_938023.1).
Other Names	TMEM173; ERIS; MITA; MPYS; NET23; SAVI; STING; hMITA; hSTING; transmembrane protein 173
Accession No.	Swiss-Prot#:Q86WV6NCBI Gene ID:340061
Uniprot	Q86WV6
GeneID	340061;
Calculated MW	39kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

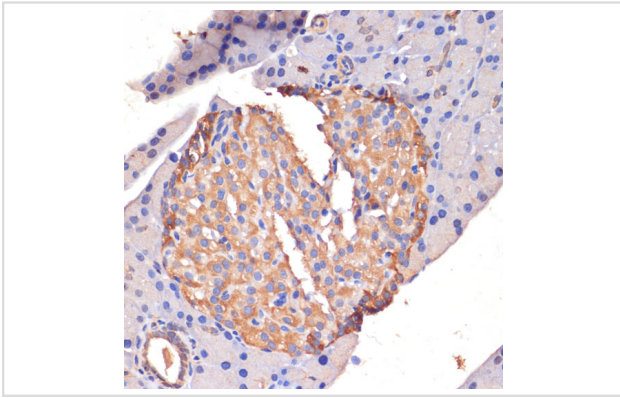
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200IP 1:50 - 1:100

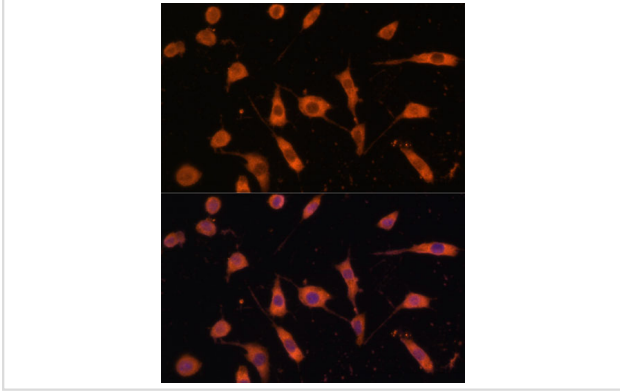
## Images



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



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



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

## 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.

Note: This product is for in vitro research use only