

STING / TMEM173 Rabbit Polyclonal Antibody

Catalog No: #54752

Package Size: #54752-1 50ul #54752-2 100ul

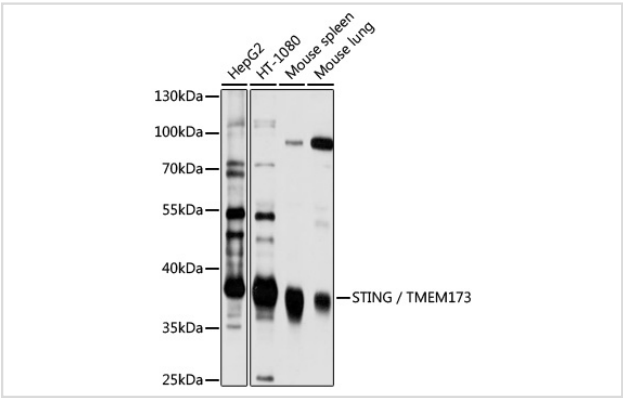
Description

Product Name	STING / TMEM173 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human STING / TMEM173 (NP_938023.1).
Conjugates	Unconjugated
Other Names	TMEM173;ERIS;MITA;MPYS;NET23;SAVI;STING;hMITA;hSTING
Accession No.	Swiss Prot:Q86WV6Gene ID:340061
Calculated MW	42kDa
SDS-PAGE MW	37kDa/38kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

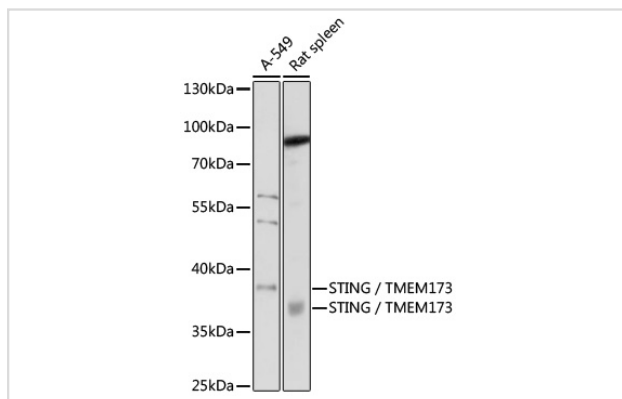
Application Details

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

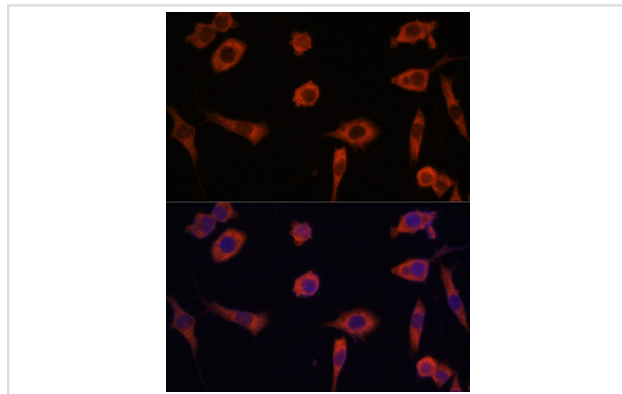
Images



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



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



Immunofluorescence analysis of L929 cells using STING \ TMEM173 antibody.

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.

Published Papers

Bishu Wang;Xingguo Tang;Chuntao Xiao;Zhijie Yu;Huaben Bo;Jie Wang;Jinquan Wang et al., Nucleus-targeted ruthenium(II) complex triggers immunogenic cell death and sensitizes melanoma to anti-PD-1 therapy by activating cGAS-STING pathway., (2025)

[PMID:40022761](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.