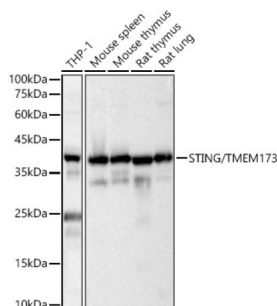
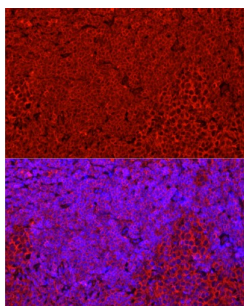


Stimulator of Interferon Genes Protein / TMEM173 (STING1) Antibody

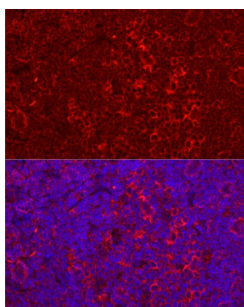
Catalogue No.: abx002586



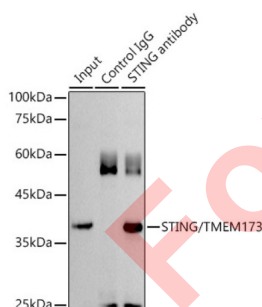
Western blot analysis of various lysates, using STING/TMEM173 Antibody at 1/400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunofluorescence analysis of paraffin-embedded mouse spleen using STING/TMEM173 Antibody at dilution of 1/50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of paraffin-embedded rat spleen using STING/TMEM173 Antibody at dilution of 1/50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunoprecipitation analysis of 300 µg extracts of HT-29 cells using 3 µg STING/TMEM173 antibody. Western blot was performed from the immunoprecipitate using STING/TMEM173 antibody at a dilution of 1/500.

STING1 Antibody is a Rabbit Polyclonal antibody against STING1. STING1, also named as ERIS, MITA, STING and MPYS, is a facilitator of innate immune signaling that promotes the production of type I interferon (IFN-alpha and IFN-beta). STING1 mediates death signaling via activation of the extracellular signal-regulated kinase (ERK) pathway. There're monomer (40 kDa) and dimer (80 kDa) form of STING1 in western blot test.

Target: Stimulator of Interferon Genes Protein / TMEM173 (STING1)

Clonality: Polyclonal

Datasheet

Version: 5.0.0
Revision date: 02 May 2025



Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC, IP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/100 - 1/500, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 150-379 of human STING/TMEM173.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q86WV6 (UniProt , ExPASy)
Gene Symbol:	STING1
GeneID:	340061
OMIM:	612374
NCBI Accession:	NP_938023.1
HGNC:	27962
KEGG:	hsa:340061
Ensembl:	ENSG00000184584
String:	9606.ENSP00000331288
Molecular Weight:	Calculated MW: 42 kDa Observed MW: 40 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.

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Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only