

STING/TMEM173 Antibody

CAB3575

Description

This STING/TMEM173 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB3575
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	ERIS, MITA, MPYS, SAVI, NET23, STING, hMITA, hSTING, TMEM173, STING-beta, STING/TMEM173
Clone:	-
Applications:	WB IHC-P IP ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	340061
Uniprot:	AB_2765161
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	40 kDa
Calculated MW:	42 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

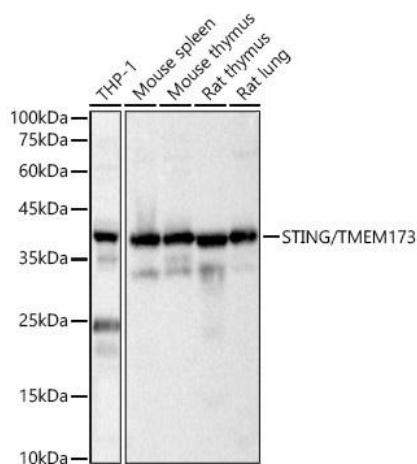
Positive Sample: THP-1, Mouse spleen, Mouse thymus, Rat thymus, Rat lung, HT-29

Recommended Dilutions:

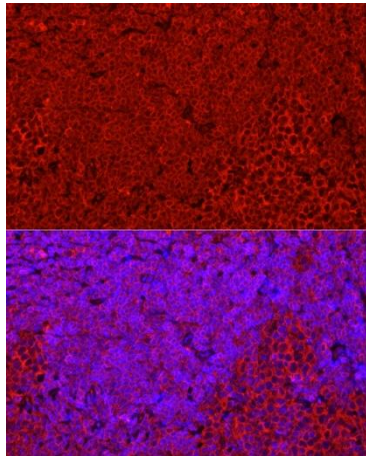
WB	1:500 - 1:5000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

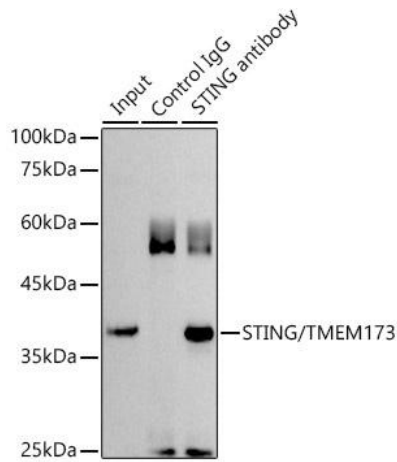
Validation Data



Western blot analysis of various lysates, using STING/TMEM173 Rabbit pAb (CAB3575) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of paraffin-embedded mouse spleen using STING/TMEM173 Rabbit pAb (CAB3575) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) 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 (CAB3575). Western blot was performed from the immunoprecipitate using STING/TMEM173 antibody (CAB3575) at a dilution of 1:500.