Anti-STING Rabbit Polyclonal Antibody

Catalog #: 51198

Aliases

ERIS; MITA; STING; TMEM173; Stimulator of interferon genes protein; hSTING; Endoplasmic reticulum interferon stimulator; ERIS; Mediator of IRF3 activation; hMITA; Transmembrane protein 173

Background

Gene Name: STING1
NCBI Gene Entry: 340061
UniProt Entry: Q86WV6

Application Information

Molecular Weight: Predicted, 42 kDa; observed, 33 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human STING

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

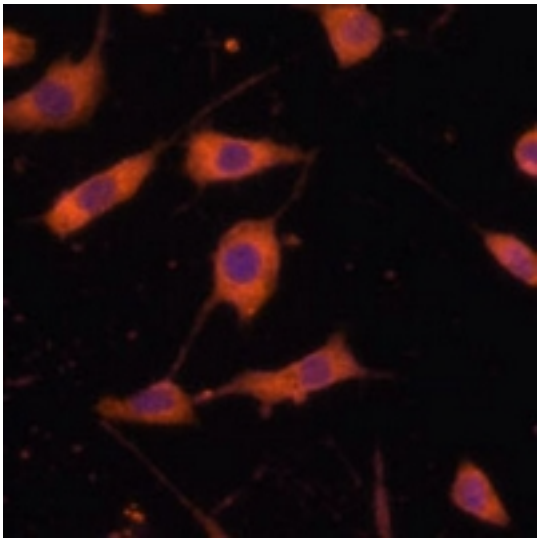
Store at -20 °C for one year.

Recommended Dilutions

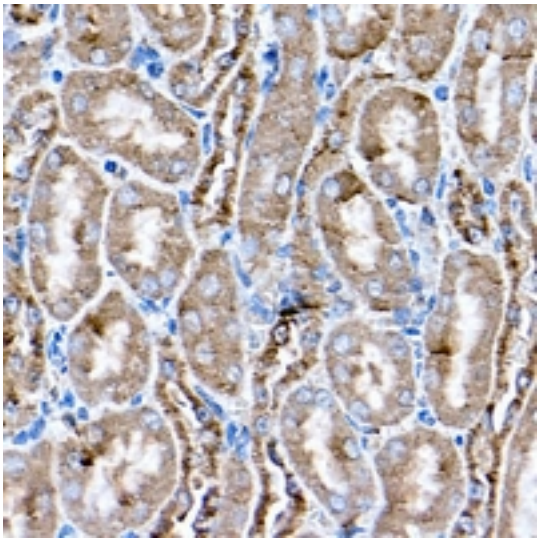
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:50-1:100

Note: This product is for research use only.

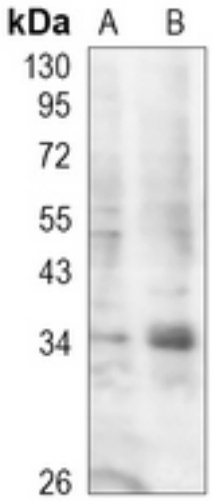
Validation Data



Immunocytochemical analysis of STING staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of STING staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of STING expression in HEK293 (A), Hela (B) whole cell lysates.