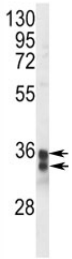
STING Antibody / TMEM173 (F51930)

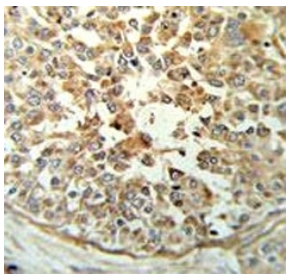
Catalog No.	Formulation	Size
F51930-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51930-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

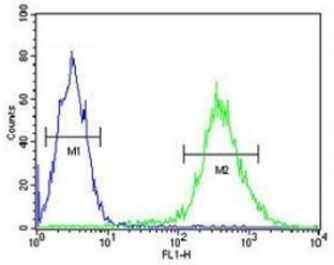
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q86WV6
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This STING antibody is available for research use only.



Western blot analysis of STING antibody and Jurkat lysate. Predicted molecular weight ~42/35 kDa, observed here at 33/35 kDa.



STING antibody IHC analysis in formalin fixed and paraffin embedded breast carcinoma.



STING antibody flow cytometric analysis of Jurkat cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Stimulator of interferon genes (STING) acts as a facilitator of innate immune signaling, able to activate both NFkB and IRF3 transcription pathways to induce expression of type I interferon (IFN-a and IFN-b) and exert a potent anti-viral state following expression.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the STING antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 311-340 from the human protein was used as the immunogen for this STING antibody.

Storage

Aliquot the STING antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.