

Anti-Sting Antibody (5Y781)

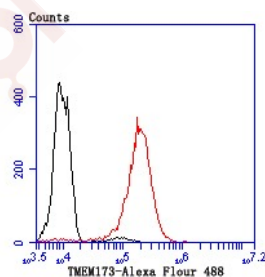
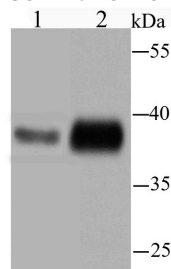
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5Y781
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of TMEM173 on U937 (1) and 293 (2) cell lysate using anti-TMEM173 antibody at 1/1,000 dilution.
2. Flow cytometric analysis of THP-1 cells with TMEM173 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Application: FCM, ICC/IF, WB

Recommended WB: 1:500-1000; ICC/IF: 1:10-50; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: Q86WV6
Synonyms: Mediator of IRF3 activation;sting;TMEM173;Stimulator of interferon genes protein

Research Background

Facilitator of innate immune signaling that promotes the production of type I interferon (IFN-alpha and IFN-beta). Innate immune response is triggered in response to non-CpG double-stranded DNA from viruses and bacteria delivered to the cytoplasm. Able to activate both NF-kappa-B and IRF3 transcription pathways to induce expression of type I interferon and exert a potent viral state following expression. May be involved in translocon function, the translocon possibly being able to influence the induction of type I interferons. May be involved in transduction of apoptotic signals via its association with the major histocompatibility complex class II (MHC-II). Mediates death signaling via activation of the extracellular signal-regulated kinase (ERK) pathway.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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