

Product datasheet for **TA382602**

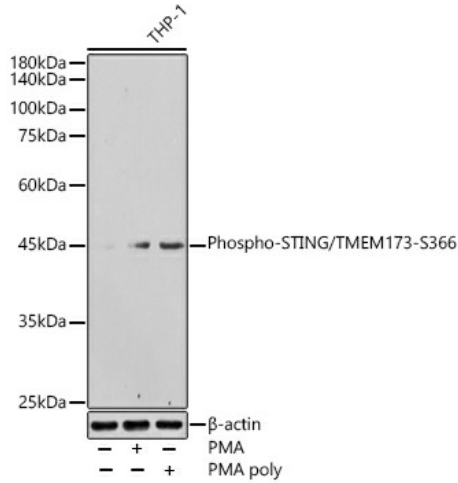
STING (TMEM173) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho S366
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding S366 of human STING/TMEM173.
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Gene Name:	transmembrane protein 173
Database Link:	Entrez Gene 340061 Human Q86WV6
Background:	This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.
Synonyms:	ERIS; FLJ38577; hMITA; hSTING; MITA; MPYS; NET23; STING



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Product images:


Western blot analysis of extracts of THP-1 cells, using Phospho-STING/TMEM173-S366 antibody (TA382602) at 1:1000 dilution. THP-1 cells were treated by PMA (80 nM) at 37°C for Serum-starvation overnight. THP-1 cells were differentiation with TPA (200 nM) for 15 minutes and transfection with poly(dA:dT) (5 ug/mL) for 3 hours. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 180s.