

Rabbit anti-Human TMEM173 Monoclonal Antibody | anti-TMEM173 antibody

TMEM173 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312547	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TMEM173; Monoclonal Antibody; TMEM173 Antibody; endoplasmic reticulum IFN stimulator antibody; Endoplasmic reticulum interferon stimulator antibody; ERIS antibody; FLJ38577 antibody; hMITA antibody; hSTING antibody; Mediator of IRF3 activation antibody; MITA antibody; Mitochondrial mediator of IRF3 activation antibody; MPYS antibody; N terminal methionine proline tyrosine serine plasma membrane tetraspanner antibody; NET23 antibody; Stimulator of interferon genes antibody; Stimulator of interferon genes protein antibody; STING antibody; TM173_HUMAN antibody; Tmem173 antibody; Transmembrane protein 173 antibody; anti-TMEM173 antibody

PRODUCT SPECIFICATIONS

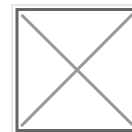
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TMEM173 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

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).



WB (Western Blot)

Western blot analysis of TMEM173 on U937 (1) and 293 (2) cell lysate using anti-TMEM173 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM173 antibody

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 anti-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.

Product Categories/Family for anti-TMEM173 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38093659
NCBI GeneID	340061
NCBI Accession #	NP_938023.1
NCBI GenBank Nucleotide #	NM_198282.2
UniProt Accession #	Q86WV6; A8K3P6; B6EB35; D6RBX0; D6RE01; D6RID9
Molecular Weight	379
NCBI Official Full Name	stimulator of interferon genes protein
NCBI Official Synonym Full Names	transmembrane protein 173
NCBI Official Symbol	TMEM173
NCBI Official Synonym Symbols	ERIS; MITA; MPYS; NET23; STING
NCBI Protein Information	stimulator of interferon genes protein; hMITA; hSTING; mediator of IRF3 activation; endoplasmic reticulum IFN stimulator; mitochondrial mediator of IRF3 activation; endoplasmic reticulum interferon stimulator; N-terminal methionine-proline-tyrosine-serine
UniProt Protein Name	Stimulator of interferon genes protein
UniProt Gene Name	TMEM173
UniProt Synonym Gene Names	ERIS; MITA; STING; hSTING; ERIS; hMITA
UniProt Entry Name	STING_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/tmem173-antibody-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/312547>