Rabbit anti-Human, Rat Transmembrane Protein 173 Monoclonal Antibody | anti-TMEM173 antibody

Recombinant Transmembrane Protein 173 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178886	**Rabbit**	**Human, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Transmembrane Protein 173; Monoclonal Antibody; Recombinant Transmembrane Protein 173 Monoclonal Antibody; endoplasmic reticulum IFN stimulator; Endoplasmic reticulum interferon stimulator; ERIS; FLJ38577; hMITA; hSTING; Mediator of IRF3 activation; MITA; Mitochondrial mediator of IRF3 activation; MPYS; N terminal methionine proline tyrosine serine plasma membrane tetraspanner; NET23; Stimulator of interferon genes; Stimulator of interferon genes protein; STING; TM173; Tmem173; Transmembrane protein 173; anti-TMEM173 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-9A7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-TMEM173 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TMEM173
Research Area	Cancer, Epigenetics and Nuclear Signaling, Immunology, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of TMEM173 in paraffin-embedded Human tonsil using TMEM173 Rabbit mAb at dilution 1:50

WB (Western Blot)
Western blot detection of TMEM173 in K562,Rat Brain lysates using TMEM173 Rabbit mAb(1:1000 diluted).Predicted band size:42kDa.Observed band size:40kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM173 antibody	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 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.
Product Categories/Family for anti-TMEM173 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/transmembrane-protein-173-antibody-clone-r06-9a7-immunohistochemistry-western-blot-elisa/178886