TMEM173 (Phospho Ser366) (16B9) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01135

Product information

产品货号	HZ-YMA01135
别名	TMEM173;ERIS;MITA;STING;Transmembrane protein 173;Endoplasmic reticulum interferon stimulator;ERIS;Mediator of IRF3 activation;hMITA;Stimulator of interferon genes protein;hSTING;ERIS;MITA;STING
产品名称	TMEM173 (Phospho Ser366) (16B9) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	STING1
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Mouse
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	340061
Human Swissprot No.	Q86WV6
稀释度	WB 1:1000-1:5000, IF 1:200-1:1000, ELISA 1:5000-1:20000
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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. [provided by RefSeq, Sep 2014],
细胞定位	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Endoplasmic reticulum-Golgi intermediate compartment membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, autophagosome membrane ; Multi-pass membrane protein . Mitochondrion outer membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . In response to double-stranded DNA stimulation, translocates from the endoplasmic reticulum through the endoplasmic reticulum-Golgi intermediate compartment and Golgi to post-Golgi vesicles, where the kinase TBK1 is recruited (PubMed:19433799, PubMed:30842659, PubMed:30842653, PubMed:29694889). Upon cGAMP-binding, translocates to the endoplasmic reticulum-Golgi intermediate compartment (ERGIC) in a process that is dependent on COPII vesicles; STING1-containing ERGIC serves as a membrane source for LC3 lipidation, which is a key step in autophagosome biogenesis (PubMed:30842662). .
Clonality	Monoclonal