

Datasheet for ABIN7218494
anti-STING/TMEM173 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	STING/TMEM173 (TMEM173)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STING/TMEM173 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	TMEM173 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the C-terminal region of human TMEM173
Isotype:	IgG
Specificity:	TMEM173 Polyclonal Antibody detects endogenous levels of TMEM173 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	STING/TMEM173 (TMEM173)
Alternative Name:	TMEM173 (TMEM173 Products)

Target Details

Background:	Rabbit Anti-TMEM173 Polyclonal Antibody, TMEM173, ERIS, MITA, STING, Transmembrane protein 173, Endoplasmic reticulum interferon stimulator, ERIS, Mediator of IRF3 activation, hMITA, Stimulator of interferon genes protein, hSTING, TMEM173 encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The transmembrane protein 173 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., Transmembrane protein 173
Molecular Weight:	observed band 42,23kDa
Gene ID:	340061
UniProt:	Q86WV6
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

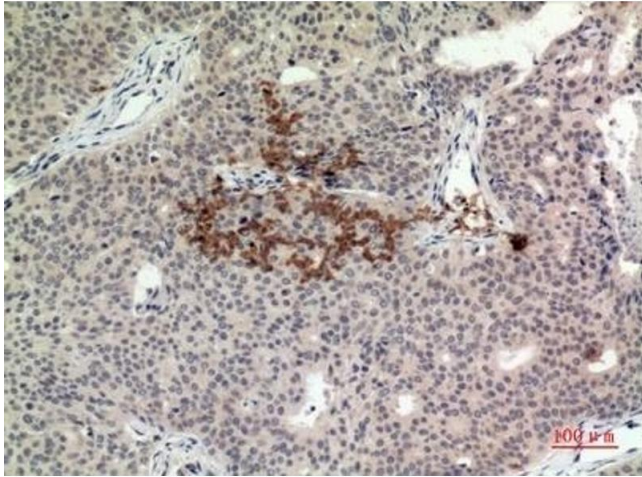
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product,

Handling

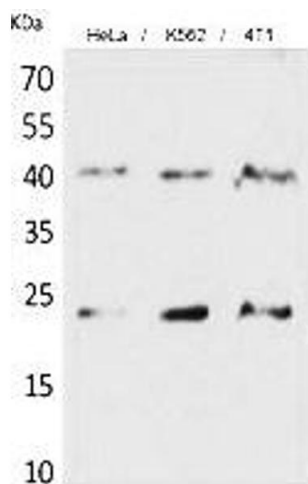
centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human-Breast-cancer, antibody was diluted at 1:100.



Western Blotting

Image 2. Western Blot analysis of hela, K562, 4T1 cells using TMEM173 Polyclonal Antibody. Secondary antibody (ABIN7205155) was diluted at 1:20000.