

## TMEM173 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09082
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from Transmembrane protein 173 at AA range: 301-350
<b>Mol wt</b>	42193
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	TMEM173 Antibody
<b>Synonyms</b>	TMEM173; ERIS; MITA; STING; Transmembrane protein 173; Endoplasmic reticulum interferon stimulator; ERIS; Mediator of IRF3 activation; hMITA; Stimulator of interferon genes protein; hSTING

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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.

### Recommended Dilution

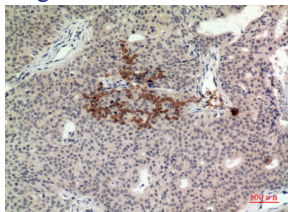
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

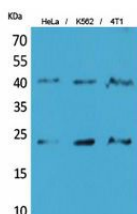
ELISA: 1: 20000

Not yet tested in other applications.

### Images



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



Western Blot analysis of HeLa, K562, 4T1 cells using TMEM173 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)