



## TMEM173 (ANT0035R) Rabbit mAb

CatalogNo: ANT8076 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,Mouse,Rat,

### Reactivity

- WB,IHC,IF,IP,ELISA

### Applications

### MW

- 42kD (Calculated)
- 37kD (Observed)

### Isotype

- IgG,Kappa

## Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

**Clone Number** ANT0035R

## Target Information

Endogenous

Gene name TMEM173 ERIS MITA STING  
Protein Name Transmembrane protein 173

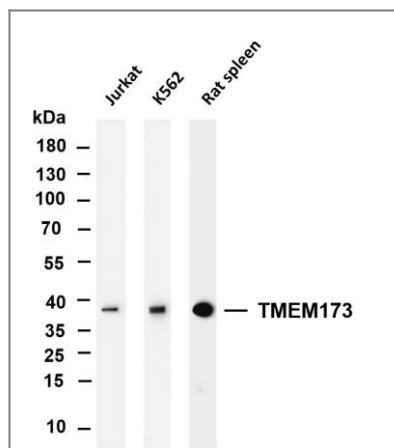
Organism	Gene ID	UniProt ID
Human	<a href="#">340061</a> ;	<a href="#">Q86WV6</a> ;
Mouse	<a href="#">72512</a> ;	<a href="#">Q3TBT3</a> ;

Cellular Localization Cytoplasmic, Membranous

Tissue specificity Ubiquitously expressed. Expressed in skin endothelial cells, alveolar type 2 pneumocytes, bronchial epithelium and alveolar macrophages.

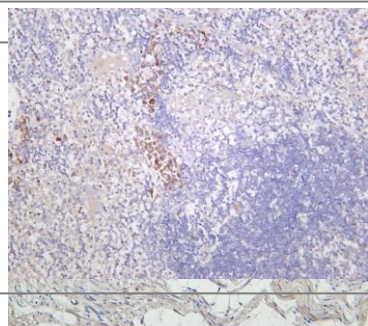
Function Function:Acts as a facilitator of innate immune signaling. Able to activate both NF-kappa-B and IRF3 transcription pathways to induce expression of type I interferon (IFN-alpha and IFN-beta) and exert a potent anti-viral state following expression. May be involved in translocon function, the 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.,ANTM:Phosphorylated on tyrosine residues upon MHC-II aggregation.,subunit:Associates with the MHC-II complex (By similarity). Interacts with DDX58/RIG-I, MAVS/VISA and SSR2.,tissue specificity:Ubiquitously expressed.,

## Validation Data



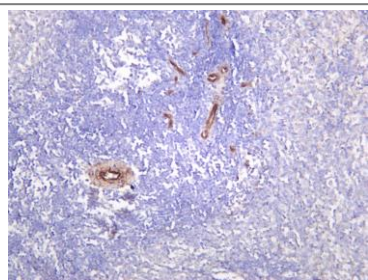
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TMEM173 (ANT0035R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Jurkat Lane 2: K562 Lane 3: Rat spleen Predicted band size:

42kDa Observed band size: 37kDa

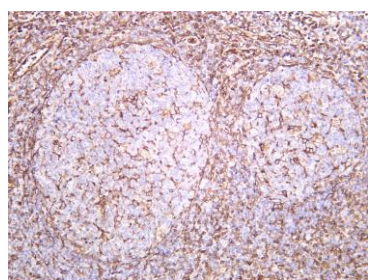


Rat colon was stained with Anti-TMEM173 (ANT0035R) rabbit antibody

Mouse spleen was stained with Anti-TMEM173 (ANT0035R) rabbit antibody



Rat spleen was stained with Anti-TMEM173 (ANT0035R) rabbit antibody



Human tonsil was stained with Anti-TMEM173 (ANT0035R) rabbit antibody

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Contact Antagene Inc Tel 1-866-964-2589 Email: [info@antageneinc.com](mailto:info@antageneinc.com)