

## Recombinant Transmembrane Protein 173 Monoclonal Antibody

catalog number: **E-AB-81615**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

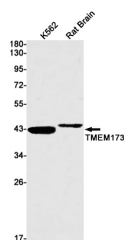
<b>Reactivity</b>	Human;Rat
<b>Immunogen</b>	Recombinant protein of human TMEM173
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-9A7
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:100

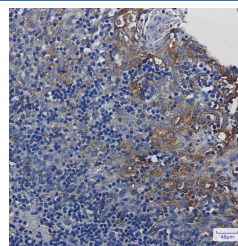
### Data



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.

**Observed-MW:40 kDa**

**Calculated-MW:42 kDa**



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

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

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.

### For Research Use Only