

## Recombinant MERTK Monoclonal Antibody

catalog number: **E-AB-81582**

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

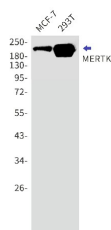
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide of human MERTK
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R07-6H2
<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

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

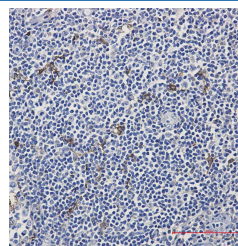
### Data



Western blot detection of MERTK in MCF-7,293T cell lysates using MERTK Rabbit mAb(1:1000 diluted). Predicted band size: 110kDa. Observed band size: 210kDa.

**Observed-MW: 210 kDa**

**Calculated-MW: 110 kDa**



Immunohistochemistry of MERTK in paraffin-embedded Human tonsil using MERTK 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 is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

### For Research Use Only