Recombinant MERTK Monoclonal Antibody

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

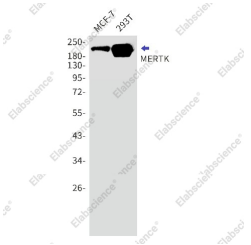
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human MERTK
Host	Rabbit
Isotype	Rabbit IgG
Clone	C323368
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

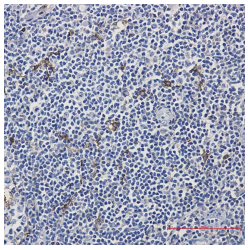
Data



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

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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).

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