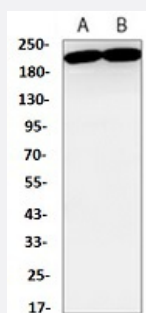


RecomAb™

MERTK recombinant monoclonal antibody

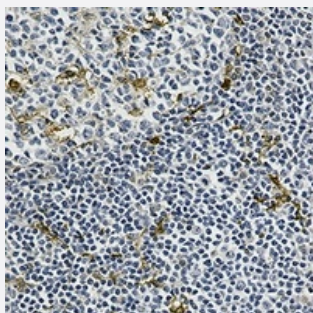
Catalog # RAB02599 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of MCF7 (A), 293T (B) whole cell lysates with MERTK recombinant monoclonal antibody (Cat # RAB02599).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human tonsil formalin fixed paraffin embedded tissue section using MERTK recombinant monoclonal antibody (Cat # RAB02599). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.129). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MERTK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human MERTK.
Theoretical MW (kDa)	210
Reactivity	Human

Specificity	Recognizes endogenous levels of MERTK protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunoprecipitation

Gene Info — MERTK

Entrez GeneID	10461
Protein Accession#	Q12866
Gene Name	MERTK
Gene Alias	MER, MGC133349, RP38, c-mer

Gene Description	c-mer proto-oncogene tyrosine kinase
Omim ID	268000 604705
Gene Ontology	Hyperlink
Gene Summary	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). [provided by RefSeq]
Other Designations	MER receptor tyrosine kinase STK kinase

Disease

- [Carotid Artery Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Leukopenia](#)
- [Lupus Erythematosus](#)
- [Lymphopenia](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)