
Product Name: MERTK Rabbit Monoclonal Antibody**Catalog #: AMRe03084**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.64mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 110 kDa; Observed MW: 210 kDa

Antigen Information

Gene Name	MERTK
Alternative Names	MERTK; MER; Tyrosine-protein kinase Mer; Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK
Gene ID	10461
SwissProt ID	Q12866
Immunogen	A synthetic peptide of human MERTK

Background

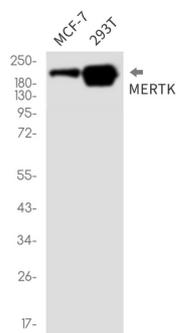
MERTK signaling plays a role in various processes such as macrophage clearance of apoptotic cells, platelet aggregation,

cytoskeleton reorganization and engulfment. Functions in the retinal pigment epithelium (RPE) as a regulator of rod outer segments fragments phagocytosis. Plays also an important role in inhibition of Toll-like receptors (TLRs)-mediated innate immune response by activating STAT1, which selectively induces production of suppressors of cytokine signaling SOCS1 and SOCS3.

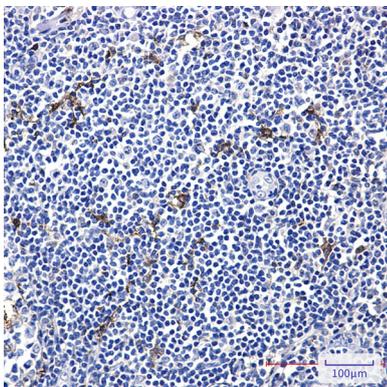
Research Area

Cell Biology

Image Data



Western blot analysis of MERTK in MCF-7, 293T lysates using MERTK antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using MERTK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.