

Anti-MERTK Rabbit mAb

Purified Rabbit Monoclonal Antibody

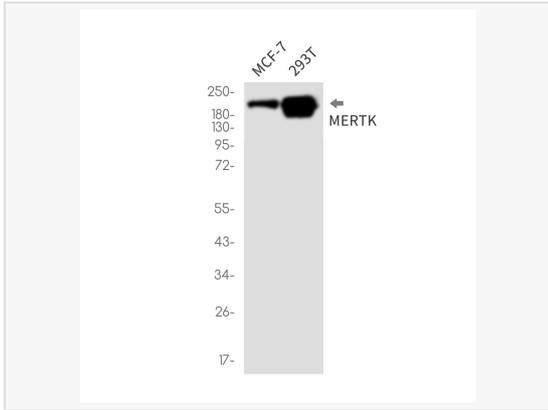
Catalog # R013456

Product Information

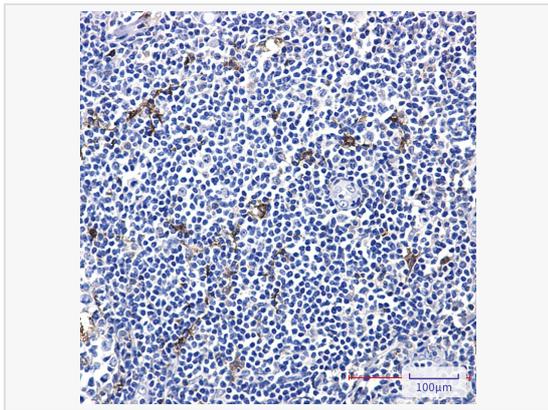
Application	WB, IHC-P/IF (Tissue-P), IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	66L24M93
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human MERTK
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MERTK antibody [66L24M93] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MERTK, MER, Tyrosine-protein kinase Mer, Proto-oncogene c-Mer, Receptor tyrosine kinase MerTK.
Calculated MW	Calculated MW: 110 kDa; Observed MW: 210 kDa
Uniprot ID	Q12866
Gene ID	10461
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.



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.