

Rabbit anti-Human MERTK Monoclonal Antibody | anti-MERTK antibody

MERTK Conjugated Antibody

CATALOG # AAA312814	HOST Rabbit	REACTIVITY Human
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PRODUCT SYNONYMS

MERTK; Monoclonal Antibody; MERTK Conjugated Antibody; c MER antibody; c mer proto oncogene tyrosine kinase antibody; c-mer antibody; cMER antibody; cmer protooncogene tyrosine kinase antibody; Eyk antibody; MER antibody; MER receptor tyrosine kinase antibody; MERK antibody; MERPEN antibody; Mertk antibody; MERTK c-mer proto-oncogene tyrosine kinase antibody; MERTK_HUMAN antibody; MGC133349 antibody; nmf12 antibody; Nyk antibody; Proto oncogene tyrosine protein kinase MER antibody; Proto oncogene tyrosine protein kinase MER precursor antibody; Proto-oncogene c-Mer antibody; Receptor tyrosine kinase MerTK antibody; RP38 antibody; STK kinase antibody; Tyrosine-protein kinase Mer antibody; anti-MERTK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Preparation and Storage	Store at 4°C in dark for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-MERTK antibody	MerTK, also called c-Mer, is a member of the Mer/Axl/Tyro3 receptor kinase family. It is a 984 residue transmembrane protein made up of one tyrosine kinase domain, two Fibronectin type-III domains and two immunoglobulin-like C2-type domains. MerTK is the mammalian ortholog of the chicken retroviral oncogene product v-Eyk. This protein plays a critical role in macrophage activation, platelet aggregation, clot stability and the efficient removal of apoptotic cells. Specifically, MerTK acts as a signaling molecule, triggering outer segment ingestion in the retinal pigment epithelium (RPE) phagocytic process. Evidence suggests that MerTK signals via interaction with phosphatidylinositol-specific phospholipase C 2 (PI-PLC 2). When the gene encoding for MerTK is mutated, the RPE phagocytosis pathway is disrupted and autosomal recessive retinitis pigmentosa (RP) may result, leading to degeneration of retinal photoreceptor cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66932918
NCBI GeneID	10461
NCBI Accession #	NP_006334.2
NCBI GenBank Nucleotide #	NM_006343.2
UniProt Accession #	Q12866 ; Q9HBB4
Molecular Weight	110,249 Da

NCBI Official Full Name	tyrosine-protein kinase Mer
NCBI Official Synonym Full Names	c-mer proto-oncogene tyrosine kinase
NCBI Official Symbol	MERTK
NCBI Official Synonym Symbols	MER; RP38; c-mer
NCBI Protein Information	tyrosine-protein kinase Mer; STK kinase; proto-oncogene c-Mer; MER receptor tyrosine kinase; receptor tyrosine kinase MerTK
UniProt Protein Name	Tyrosine-protein kinase Mer
UniProt Gene Name	MERTK
UniProt Synonym Gene Names	MER
UniProt Entry Name	MERTK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/mertk-antibody-elisa/312814>