

Phospho-MERTK Blocking Peptide | MERTK blocking peptide

Phospho-MERTK Peptide

CATALOG # AAA76031	APPLICATIONS Immunocompetition, Immunodepletion
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PRODUCT SYNONYMS

Phospho-MERTK; Phospho-MERTK Peptide; c MER antibody;c mer proto oncogene tyrosine kinase antibody;Eyk antibody;MER antibody;MERPEN antibody;MerTK antibody;MERTK c-mer proto-oncogene tyrosine kinase antibody;MGC133349 antibody;nmf12 antibody;Nyk antibody;Proto oncogene tyrosine protein kinase MER antibody;Receptor tyrosine kinase MerTK antibody;RP38 antibody;STK kinase antibody;Tyrosine-protein kinase Mer antibody; MERTK blocking peptide

PRODUCT SPECIFICATIONS

Form/Format	Synthetic Peptide
Sequence Positions	CCKKIY _p SGDY _p Y _p RQG
Sequence Length	994
Applicable Applications for MERTK blocking peptide	Immunocompetition, Immunodepletion
Immunogen Description	Synthetic peptide corresponding to amino acids 746-757 of Human MERTK.
Molecular Function	Kinase, Receptor, Transferase, Tyrosine-protein kinase
Structure	Interacts (upon activation) with TNK2; stimulates TNK2 autophosphorylation. Interacts (via N-terminus) with extracellular ligands LGALS3, TUB, TULP1 and GAS6. Interacts with VAV1 in a phosphotyrosine-independent manner.
Subcellular Location	Membrane; Single-pass type I membrane protein
Preparation and Storage	-20• degree C for long term storage

ADDITIONAL INFORMATION

Related Product Information for MERTK blocking peptide	Antigenic Blocking Peptide Phosphorylated Tyrosine-protein kinase Mer Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to several ligands including LGALS3, TUB, TULP1 or GAS6. Regulates many physiological processes including cell survival, migration, differentiation and phagocytosis of apoptotic cells (efferocytosis). Ligand binding at the cell surface induces autophosphorylation of MERTK on its intracellular domain that provides docking sites for downstream signaling molecules.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12738847
NCBI GeneID	65037
NCBI Accession #	NP_075232.1
NCBI GenBank Nucleotide #	NM_022943.1
UniProt Accession #	P57097
NCBI Official Full Name	tyrosine-protein kinase Mer
NCBI Official Synonym Full Names	MER proto-oncogene, tyrosine kinase

NCBI Official Symbol	Mertk
NCBI Official Synonym Symbols	rdy
NCBI Protein Information	tyrosine-protein kinase Mer
UniProt Protein Name	Tyrosine-protein kinase Mer
UniProt Gene Name	Mertk
UniProt Synonym Gene Names	Mer
UniProt Entry Name	MERTK_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/blocking-peptide/phospho-mertk/76031>