

Rabbit anti-Mouse, rat Mertk Polyclonal Antibody | anti-Mertk antibody

Mouse Mertk Antibody (C-term)

CATALOG # AAA285983	HOST Rabbit	REACTIVITY Mouse, rat	APPLICATIONS ELISA, Western Blot
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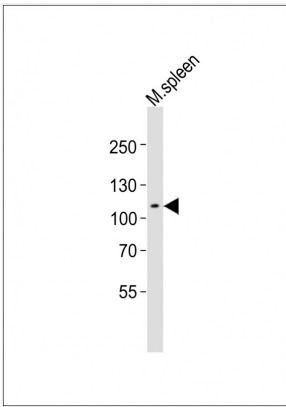
PRODUCT SYNONYMS

Mertk; Polyclonal Antibody; Mouse Mertk Antibody (C-term); Tyrosine-protein kinase Mer; Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK; Mer; anti-Mertk antibody

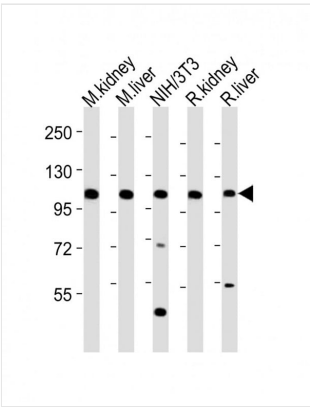
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Mertk antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 946-980 amino acids from the C-terminal region of mouse Mertk.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	994
Applicable Applications for anti-Mertk antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-Mertk Antibody (C-term) at 1:1000 dilution + mouse spleen lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 110 kDaBlocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)
All lanes : Anti-Mertk Antibody (C-term) at 1:2000 dilutionLane 1: mouse kidney lysatesLane 2: mouse liver lysatesLane 3: NIH/3T3 whole cell lysatesLane 4: rat kidney lysatesLane 5: rat liver lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 110 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Mertk antibody	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. Following activation by ligand, interacts with GRB2 or PLCG2 and induces phosphorylation of MAPK1, MAPK2, FAK/PTK2 or RAC1. 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.
Product Categories/Family for anti-Mertk antibody	Crown Antibodies
References	Graham D.K.,et al.Oncogene 10:2349-2359(1995). Dowds C.A.,et al.Submitted (JAN-1996) to the EMBL/GenBank/DDBJ databases. Lu Q.,et al.Nature 398:723-728(1999). Georgescu M.M.,et al.Mol. Cell. Biol. 19:1171-1181(1999). Behrens E.M.,et al.Eur. J. Immunol. 33:2160-2167(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7106355
NCBI GeneID	17289
NCBI Accession #	NP_032613.1
NCBI GenBank Nucleotide #	NM_008587.1
UniProt Accession #	Q60805; Q62194
Molecular Weight	110157
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	Eyk; Mer; Nyk; nmf12
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_MOUSE

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://www.aaabiotech.com/polyclonal/mertk-antibody-western-blot-elisa/285983>