

Anti-MERTK antibody (26-999) (STJ27396)

STJ27396

GENERAL INFORMATION

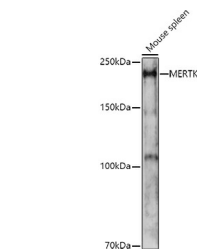
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

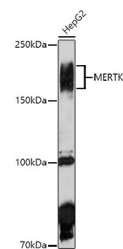
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

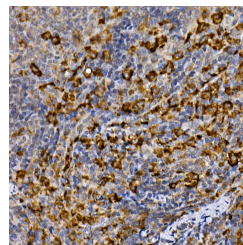
Gene ID	10461
Gene Symbol	MERTK
Uniprot ID	MERTK_HUMAN
Immunogen	
Region	26-999
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 26-499 of human MERTK (NP_006334.2).
Immunogen Sequence	REEAKPYPLFPGPFGSLQT DHTPLLSLPHASGYQPALMF SPTQPGRPHTGNVAIPQVTS VESKPLPLPAFKHTVGHIL SEHGKGVKFNCSISVPNIYQD TTISWWKDGKELLGAHHAIT QFYPDDEVTAIIASFSTSV QRSDNGSYICKMKINNEIV SDPIYIEVQGLPHFTKQPES MNVTRNTAFNLTCQAVGPPE PVNIFVWQNSSRVNEQPEKS PSVLTPVGLTEMAVFSCEA



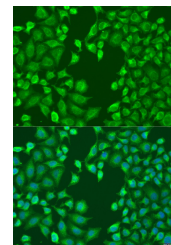
Western blot analysis of extracts of mouse spleen, using MERTK antibody (STJ27396) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Western blot analysis of extracts of HepG2 cells, using MERTK antibody (STJ27396) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded rat spleen using MERTK rabbit polyclonal antibody (STJ27396) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of U2OS using MERTK antibody (STJ27396) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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