

## Goat anti-MERTK Antibody

Item Number	dAP-3090
Target Molecule	Principle Name: MERTK; Official Symbol: MERTK; All Names and Symbols: MERTK; c-mer proto-oncogene tyrosine kinase ; MER; MGC133349; c-mer; MER receptor tyrosine kinase; STK kinase; Accession Number (s): NP_006334.2; Human Gene ID(s): 10461; Non-Human GenelD(s):
Immunogen	EVHDSKPHEGRY, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 140kDa band observed in lysates of cell line Daudi (calculated MW of 110kDa according to NP_006334.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Sather S, Kenyon KD, Lefkowitz JB, Liang X, Varnum BC, Henson PM, Graham DK. A soluble form of the Mer receptor tyrosine kinase inhibits macrophage clearance of apoptotic cells and platelet aggregation. <i>Blood</i> . 2007 Feb 1;109(3):1026-33. Epub 2006 Oct 17.. PMID: 17047157 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**