

## Goat anti-MERTK Antibody

<b>Item Number</b>	dAP-0176
<b>Target Molecule</b>	Principle Name: MERTK; Official Symbol: MERTK; All Names and Symbols: MERTK; c-mer proto-oncogene tyrosine kinase; mer; C-MER; c-mer; MER; MGC133349; RP38; MER receptor tyrosine kinase; STK kinase; Accession Number (s): NP_006334.2; Human Gene ID(s): 10461; Non-Human GenID(s):
<b>Immunogen</b>	DSSEGSEVLM, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	Western Blot: Approx. 30kDa band observed in Human Brain, Human Ovary, Human Kidney, MOLT-4 and U937 lysates at 1ug of primary. Please note that the band we observe is different from the predicted size of approx. 115kDa according to NP_006334. Currently
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Graham DK, Dawson TL, Mullaney DL, Snodgrass HR, Earp HS. Cloning and mRNA expression analysis of a novel human protooncogene, c-mer. <i>Cell Growth Differ.</i> 1994 Jun;5(6):647-57.. PMID: 8086340->

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**