

Goat anti-ITK Antibody

Item Number	dAP-2946
Target Molecule	Principle Name: ITK; Official Symbol: ITK; All Names and Symbols: ITK; IL2-inducible T-cell kinase; EMT; LYK; MGC126257; MGC126258; PSCTK2; homolog of mouse T-cell itk/tsk; tyrosine-protein kinase ITK/TSK; tyrosine-protein kinase LYK; Accession Number (s): NP_005537.3; Human Gene ID(s): 3702; Non-Human GenID(s):
Immunogen	KERPEDRPAFSR, is from internal (near C terminus)
Applications	Pep ELISA, WB Species Tested: Rat
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 64000.
Western Blot	Western Blot: Approx 70kDa band observed in Rat Thymus lysates (calculated MW of 71.8kDa according to NP_005537.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Hu J, Sahu N, Walsh E, August A Memory phenotype CD8+ T cells with innate function selectively develop in the absence of active Itk Eur J Immunol. 2007 Oct;37(10):2892-9. PMID: 17724684->

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**