

Goat anti-Spleen tyrosine kinase / SYK Antibody

Item Number	dAP-0673
Target Molecule	Principle Name: Spleen tyrosine kinase / SYK; Official Symbol: SYK; All Names and Symbols: SYK; spleen tyrosine kinase; HGNC:11491; DKFZp313N1010; FLJ25043; FLJ37489; OTTHUMP00000021628; OTTHUMP00000021629; Accession Number (s): NP_003168.2; NP_001128524.1; Human Gene ID(s): 6850; Non-Human GeneID(s): 20963 (mouse) 25155 (rat)
Immunogen	KYLQQRHVKDKN, is from internal region This antibody is expected to recognise both reported isoforms (NP_003168.2; NP_001128524.1). Reported pairs of variants represent identical proteins (NP_003168.2 and NP_001167638.1; NP_001128524.1 and
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 70kDa band observed in Human Bone marrow, Lymph Node, and Spleen lysates (calculated MW of 72.1kDa according to NP_003168.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Rogers NC, Slack EC, Edwards AD, Nolte MA, Schulz O, Schweighoffer E, Williams DL, Gordon S, Tybulewicz VL, Brown GD, Reis E Sousa C. Syk-dependent cytokine induction by Dectin-1 reveals a novel pattern recognition pathway for C type lectins. Immunity. 2005 Apr;22(4):507-17. .PMID:

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 ender users! This product is sold for **Research Use Only**