

Goat anti-phospho-CD244 / 2B4 Antibody

Item Number	dAP-1971
Target Molecule	Principle Name: phospho-CD244 / 2B4; Official Symbol: CD244; All Names and Symbols: CD244; CD244 molecule, natural killer cell receptor 2B4; 2B4; NAIL; NKR2B4; Nmrk; SLAMF4; CD244 natural killer cell receptor 2B4; NK cell activation inducing ligand NAIL; natural killer cell receptor 2B4; Accession Number (s): NP_057466.1; Human Gene ID(s): 51744; Non-Human GeneID(s):
Immunogen	EFLTIpYEDVKD, is from internal region
Applications	Pep ELISA, IP 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 64000.
Western Blot	Western Blot: Approx 75kDa band observed in Human Natural Killer (NK) cell lysates after immunoprecipitation with mouse monoclonal antibody C1.7 coupled to Protein G agarose (calculated MW of 41.1kDa according to NP_057466.1). We do note that CD244 is a
IHC	
Reference	Reference(s): Tangye SG, Lazetic S, Woollatt E, Sutherland GR, Lanier LL, Phillips JH Cutting edge: human 2B4, an activating NK cell receptor, recruits the protein tyrosine phosphatase SHP-2 and the adaptor signaling protein SAP. J Immunol. 1999 Jun 15;162(12):6981

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**