

Goat anti-HLA-B Antibody

Item Number	dAP-3290
Target Molecule	Principle Name: HLA-B; Official Symbol: HLA-B; All Names and Symbols: HLA-B; major histocompatibility complex, class I, B; AS; HLAB; SPDA1; HLA class I histocompatibility antigen, B alpha chain; MHC Class I HLA heavy chain; MHC HLA-B cell surface glycoprotein; MHC HLA-B transmembrane glycoprotein; MHC class I antigen GN0010; Accession Number (s): NP_005505.2; Human Gene ID(s): 3106; Non-Human GenelD(s):
Immunogen	DRNTQIYKAQAAQT, 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 64000.
Western Blot	Western Blot: Approx 40+45kDa bands observed in lysates of cell line Jurkat (calculated MW of 40.5kDa according to NP_005505.2). The observed 45kDa band represents the glycosylated form. Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Owen MJ, Kissnerghis AM, Lodish HF. Biosynthesis of HLA-A and HLA-B antigens in vivo. The Journal of biological chemistry 1980 Oct 255 (20): 9678-84.. PMID: 7000762->

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**