

## Goat anti-HLA-B Antibody

<b>Item Number</b>	dAP-3290
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	DRNTQIYKAQAQT , is from internal region
<b>Applications</b>	Pep ELISA, WB 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 64000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Owen MJ, Kissonerghis 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 ender users! This product is sold for **Research Use Only**