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Research Use Only. Not for diagnostic or therapeutic use.

EB12828 - Goat Anti-HLA-B (aa132-143) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: HLA-B

Accession Number(s): NP_005505.2

Human GeneID(s): 3106

Immunogen

Peptide with sequence C-RLLRGHDQYAYD , from the internal region of the protein sequence according to NP_005505.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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 corresponds to the glycosylated form. Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.

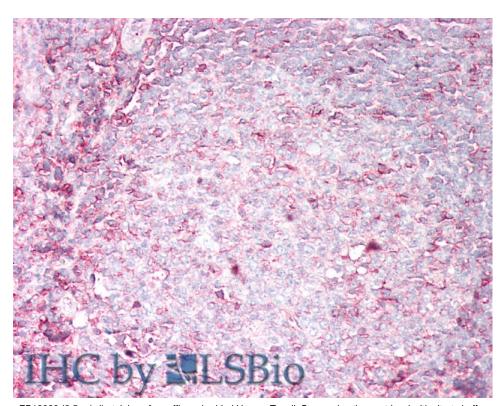
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



 $EB12828\ (0.1\mu\text{g/ml})\ staining\ of\ Jurkat\ lysate\ (35\mu\text{g}\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$



EB12828 (2.5 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.