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Research Use Only. Not for diagnostic or therapeutic use.

EB12827 - Goat Anti-HLA-B 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-DRNTQIYKAQAQT , 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 1:64000.
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. Primary incubation was 1 hour.
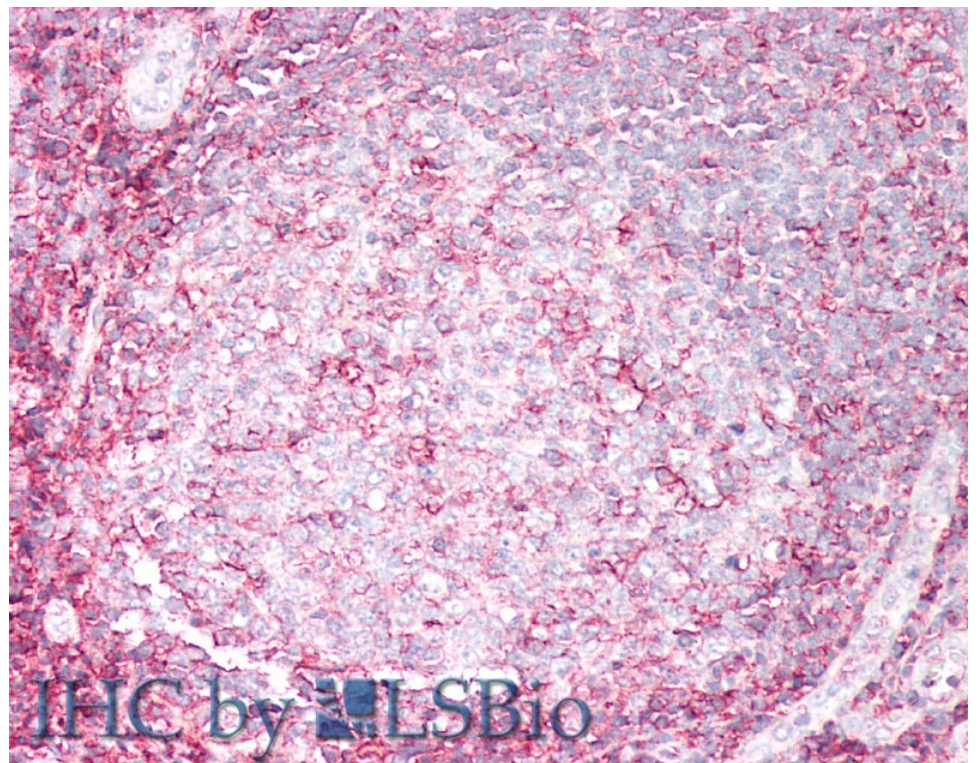**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human

250kDa
150kDa
100kDa
75kDa

50kDa

37kDa

25kDa

20kDa

15kDa
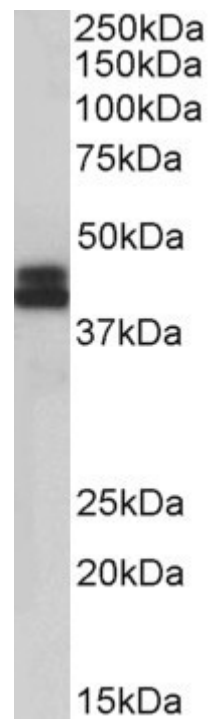
EB12827 (0.1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB12827 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.