

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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.

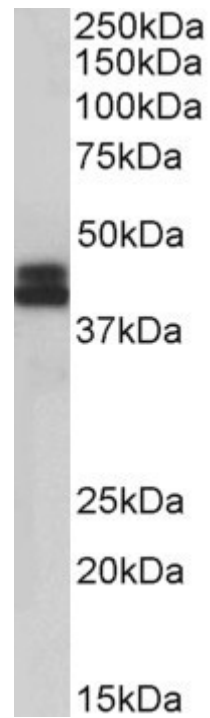
**Western blot:** Approx 40+45kDa bands observed in lysates of cell line Jurkat (calculated MW of 40.5kDa according to NP\_005505.2). The observed 45kDa band represents the glycosylated form. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

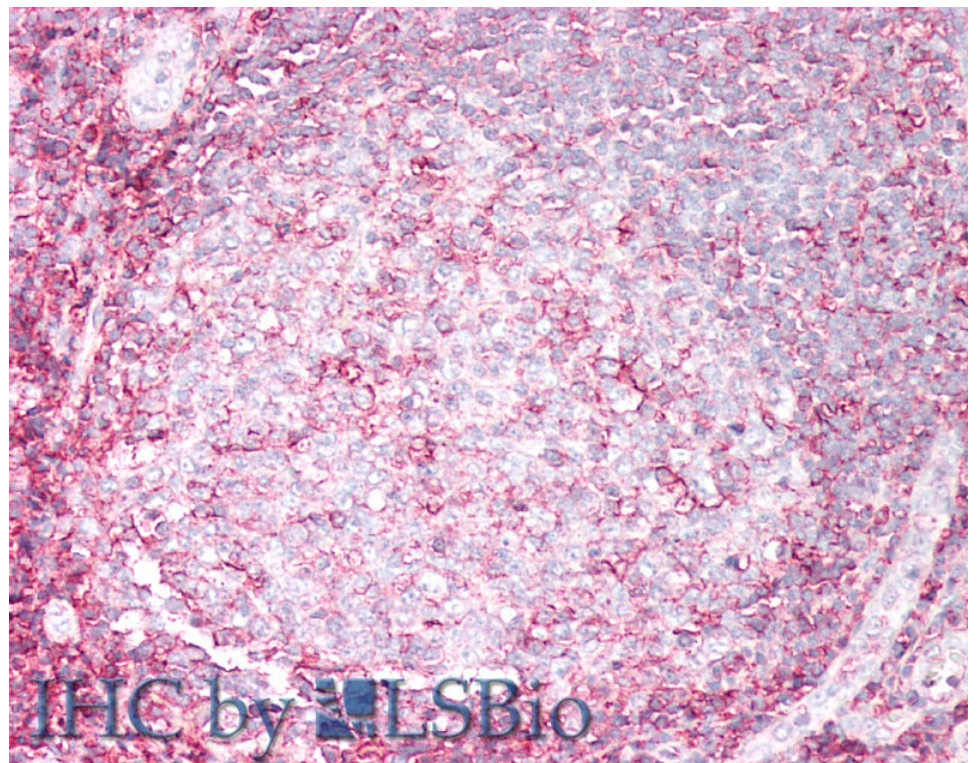
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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.