

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09493 - Goat Anti-CD11A / integrin alpha L Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ITGAL, integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide), CD11A, LFA-1, LFA1A, LFA-1 alpha, antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide, integrin alpha L, integrin gene promoter, lymphocyte function-associated antigen 1

**Official Symbol:** ITGAL

**Accession Number(s):** NP\_002200.2; NP\_001107852.1

**Human GeneID(s):** [3683](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_002200.2; NP\_001107852.1).

### Immunogen

Peptide with sequence C-YQVRIQPSIHDHN, from the internal region of the protein sequence according to NP\_002200.2; NP\_001107852.1.

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 1:16000.

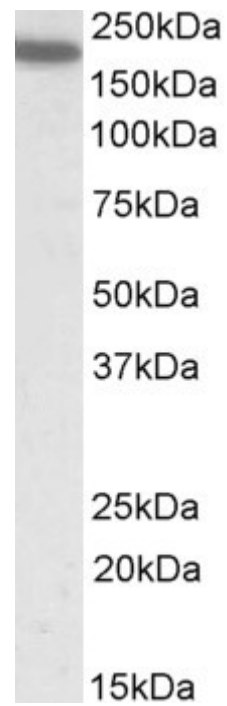
**Western blot:** Approx 200kDa band observed in Human Spleen and Tonsil lysates (calculated MW of 129kDa according to NP\_002200.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.5-2µg/ml.

**IHC:** In paraffin embedded Human Lymph Node shows membrane staining in the paracortex. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.

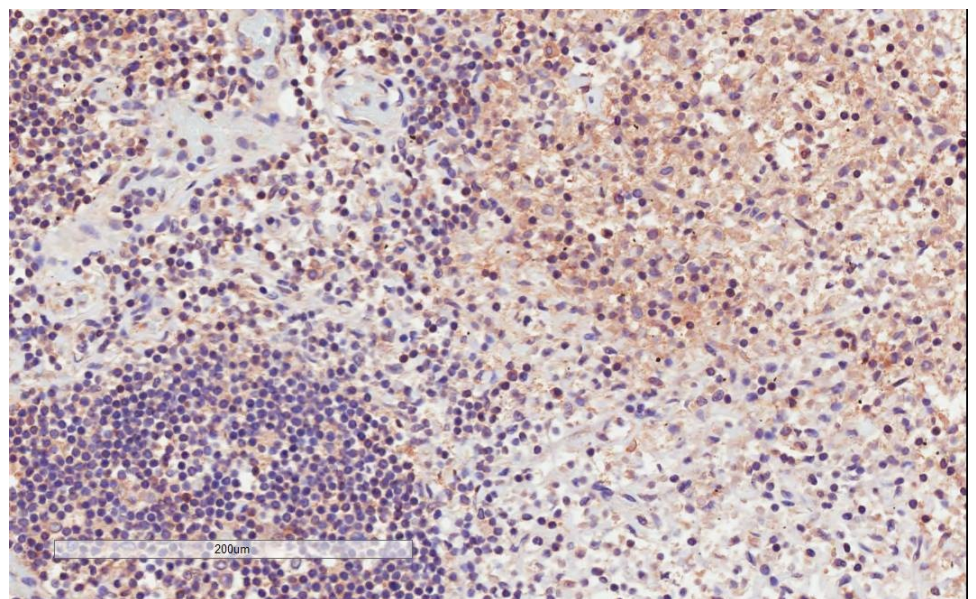
### Species Reactivity

**Tested:** Human

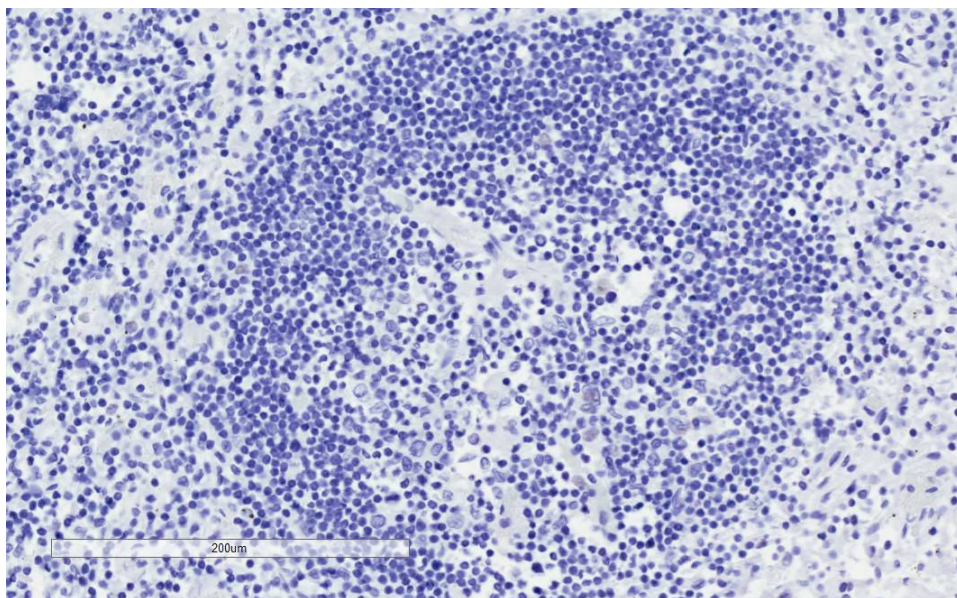
**Expected from sequence similarity:** Human



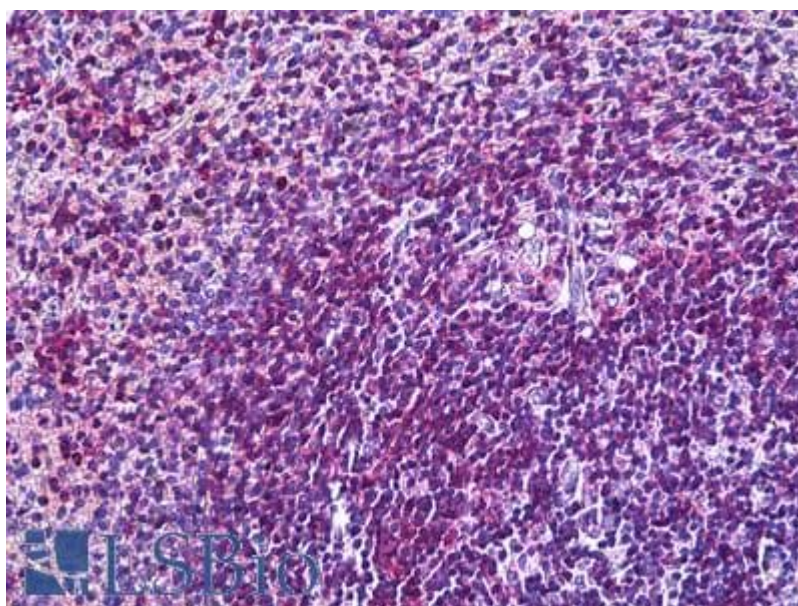
EB09493 (0.5 $\mu$ g/ml) staining of Human Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09493 (2 $\mu$ g/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB09493 Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



EB09493 (3.75μg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.