

## ITGAL

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 129kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant Protein of human ITGAL

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

q

**Synonym:**

CD11A; LFA-1; LFA1A;

**Catalog #:** A1644

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3683

**Isotype:** IgG

**Swiss Prot:** P20701

**Purity:** Affinity purification

For research use only.

**Background:**

ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene.

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