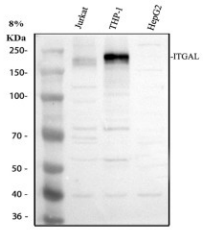
# CD11a Polyclonal Antibody / LFA-1 (R32698)

| Catalog No. | Formulation | Size |
|---|---|---|
| R32698 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | P20701 |
| **Applications** | WB: 0.5-1ug/ml |
| **Limitations** | This CD11a Polyclonal Antibody is available for research use only. |




CD11a Polyclonal Antibody Human Sample WB. Western blot analysis of human tumor cell lysate using anti-ITGAL antibody. Predicted molecular weight: ~129 kDa (unmodified), up to 200 kDa (glycosylated).

## Description

CD11a Polyclonal Antibody detects CD11a, also known as ITGAL or LFA-1, a human gene which functions in the immune system. It is mapped to 16p11.2. CD11a is involved in cellular adhesion and costimulatory signaling. It is the target of the drug efalizumab. CD11a 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. CD11a 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. It is one of the

two components, along with CD18, which form lymphocyte function-associated antigen-1.

See our CD11a Antibody CRIS-3 page for another monoclonal antibody targeting integrin alpha L.

## Application Notes

Optimal dilution of the CD11a Polyclonal Antibody should be determined by the researcher.

## Immunogen

Amino acids F161-L349 from the human protein were used as the immunogen for the CD11a Polyclonal Antibody.

## Storage

After reconstitution, the CD11a Polyclonal Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.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