10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD11a (Efalizumab), Human IgG1 Antibody

Catalog # ABV11783

Specification

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Product Information

Primary Accession	P20701
Reactivity	**Human**
Host	**Recombinant**
Clonality	**Monoclonal**
Isotype	**Human IgG1, kappa**
Calculated MW	**128770**

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Additional Information

Gene ID 3683

Alias Symbol	**ITGAL**

Other Names
LFA-1; integrin alpha L

Appearance
Colorless liquid

Formulation
200 µg affinity purified human antibody in phosphate-buffered saline (PBS) containing 0.02% Proclin 300

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Anti-CD11a (Efalizumab), Human IgG1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Protein Information

Name ITGAL (HGNC:6148)

Synonyms CD11A

Function
Integrin ITGAL/ITGB2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrin ITGAL/ITGB2 is a receptor for F11R (PubMed:11812992, PubMed:15528364). Integrin ITGAL/ITGB2 is a receptor for the secreted form of

ubiquitin-like protein ISG15; the interaction is mediated by ITGAL (PubMed:29100055). Involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes. Contributes to natural killer cell cytotoxicity (PubMed:15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:11812992). Required for generation of common lymphoid progenitor cells in bone marrow, indicating a role in lymphopoiesis (By similarity). Integrin ITGAL/ITGB2 in association with ICAM3, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590).

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Leukocytes.

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Images

Anti-CD11a (Efalizumab), Human IgG1 Antibody - Background

Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.