

**Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab)
Recombinant Antibody
Catalog # APR10369**

Specification

Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) - Product Information

Application	FC, E, FTA
Primary Accession	P20701
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	146.14 KDa

Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) - Additional Information

Target/Specificity

Integrin α L / ITGAL / CD11a

Endotoxin

< 0.001EU/ μ g, determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) - 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](http://www.uniprot.org/citations/11812992) target="_blank">11812992, PubMed: [15528364](http://www.uniprot.org/citations/15528364) target="_blank">15528364). Integrin ITGAL/ITGB2 is a receptor for the secreted form of ubiquitin-like protein ISG15; the interaction is mediated by ITGAL (PubMed: [29100055](http://www.uniprot.org/citations/29100055) target="_blank">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](http://www.uniprot.org/citations/15356110)

target="_blank">15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:11812992). Acts as a platform at the immunological synapse to translate TCR engagement and density of the ITGAL ligand ICAM1 into graded adhesion (PubMed:38195629). 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. Note=Upon antigen recognition by the TCR, is recruited to lipid rafts (PubMed:15684041).

Tissue Location

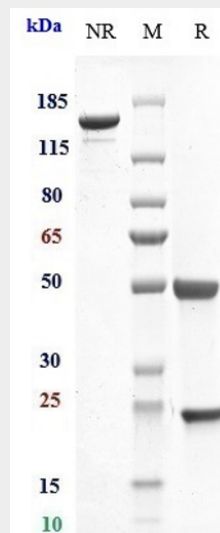
Leukocytes.

Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) - Protocols

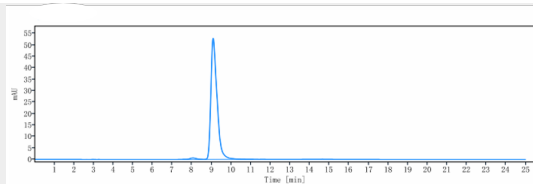
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) - Images



Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Integrin α L / ITGAL / CD11a Reference Antibody (efalizumab) is more than 98.77% ,determined by SEC-HPLC.