

12-8010: Anti-Human CD11a (Efalizumab)

Clonality :	Monoclonal
Clone Name :	hu1124
Application :	Functional Assay,ELISA,IHC,FACS
Reactivity :	Human
Alternative Name :	ITGAL; integrin alpha L; LFA-1; LFA1A
Isotype :	Human IgG1k
Immunogen Information :	Human CD11a

Description

Expression Host : HEK-293

Pathogen Testing : To protect mouse colonies from infection by pathogens and to assure that experimental preclinical data is not affected by such pathogens, all of this recombinant biosimilar antibodies are tested and guaranteed to be negative for all pathogens in the IDEXX IMPACT I Mouse Profile.

This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Efalizumab. Clone hu1124 recognizes human CD11a. This product is for research use only.

CD11a and CD18 are the Integrin alpha-L and beta-2 subunits that combine to form LFA-1, a glycoprotein and a member of the Integrin family. The Integrin alpha-L/beta-2 complex is a receptor for ICAM1, ICAM2, ICAM3, ICAM4 and F11R. LFA-1 participates in the immunological synapses between CD8+ T lymphocytes and antigen-presenting cells. Efalizumab binds to the CD11a subunit of LFA-1 and acts as an immunosuppressant by inhibiting lymphocyte activation and cell migration out of blood vessels into tissues. Anti-Human CD11a (Efalizumab) utilizes the same variable regions from the therapeutic antibody Efalizumab making it ideal for research projects.

Product Info

Amount :	50 µg / 100 µg
Purification :	>=95% monomer by analytical SEC Concentration : >= 5.0 mg/ml
Content :	This biosimilar antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	Functional grade biosimilar antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Application Note

Endotoxin : <= 1.0 EU/mg as determined by the LAL method

The suggested concentration for Efalizumab biosimilar antibody for staining cells in flow cytometry is <= 0.25 µg per 10⁶ cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.