

Mouse anti-Human CD11a Antibody | anti-CD11a antibody

Anti-CD11a [hu1124 (Efalizumab)], Mouse IgG2a

CATALOG # AAA72240	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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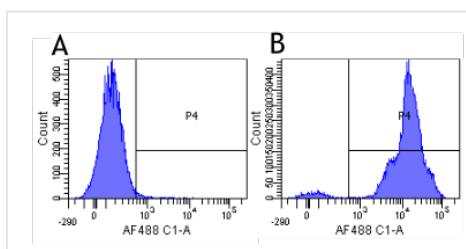
PRODUCT SYNONYMS

CD11a; Anti-CD11a [hu1124 (Efalizumab)]; Mouse IgG2a; LFA-1; integrin alpha L; anti-CD11a antibody

PRODUCT SPECIFICATIONS

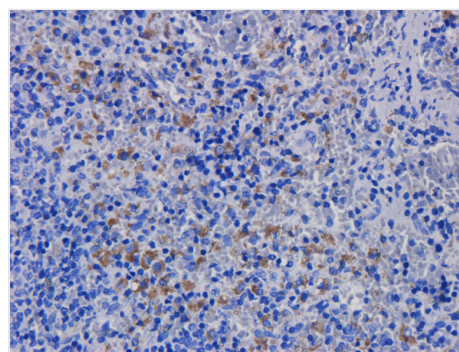
Host	Mouse
Reactivity	Human
Isotype	Mouse IgG2a, Kappa
Clone Number	hu1124 (Efalizumab)
Specificity	Binds to human LFA-1.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD11a antibody	FCM/FACS (Flow Cytometry), Blocking
Immunogen	Efalizumab binds to CD11a, a subunit of leukocyte function antigen-1 (LFA-1), which is expressed on all leukocytes.
Chimeric Use Statement	This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using the anti-CD11a research biosimilar antibody Efalizumab (hu1124, AAA72240) Human lymphocytes were stained with an isotype control or the rabbit-chimeric version of Efalizumab (AAA72240-23.0, panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.



IHC (Immunohistochemistry)

Immunohistochemical staining of rat spleen tissue using anti-CD11a antibody (AAA72240) hu1124 (Efalizumab). Anti-CD11a staining of formaldehyde fixed paraffin embedded rat spleen tissue, at 40x magnification. The human IgG1-chimeric version of hu1124 (AAA72240-10.0) was used to stain samples at a concentration of 3 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CD11a antibody	Efalizumab binds to the LFA-1 alpha I domain blocking the ICAM-1 binding site via steric hindrance.
Product Categories/Family for anti-CD11a antibody	biosimilar; autoimmunity; inflammation
References	Bauer et al. Population pharmacokinetics and pharmacodynamics of the anti-CD11a antibody hu1124 in human subjects with psoriasis. J Pharmacokinet Biopharm. 1999 Aug;27(4):397-420. PMID:10826130

NCBI AND UNIPROT INFORMATION

NCBI GI #	88911345
NCBI GeneID	3683
UniProt Accession #	P20701; O43746; Q45H73; Q96HB1; Q9UBC8
NCBI Official Full Name	Integrin alpha-L
NCBI Official Synonym Full Names	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
NCBI Official Symbol	ITGAL
NCBI Official Synonym Symbols	CD11A; LFA-1; LFA1A
NCBI Protein Information	integrin alpha-L; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associated antigen 1; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; antigen CD
UniProt Protein Name	Integrin alpha-L
UniProt Gene Name	ITGAL
UniProt Synonym Gene Names	CD11A; LFA-1A
UniProt Entry Name	ITAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cd11a/72240>