

Product datasheet

Anti-CD11a antibody [hu1124 (Efalizumab)] - Rabbit IgG (Chimeric) ab275978

Recombinant

[3 Images](#)

Overview

Product name	Anti-CD11a antibody [hu1124 (Efalizumab)] - Rabbit IgG (Chimeric)
Description	Rabbit monoclonal [hu1124 (Efalizumab)] to CD11a - Chimeric
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Human CD11a. Database link: P20701
Positive control	Flow cyt: Human lymphocytes. IHC-P: Rat spleen tissue.
General notes	This rabbit monoclonal chimeric antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Proclin 300 Constituent: 99.98% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	hu1124 (Efalizumab)
Isotype	IgG
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab275978 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 µg/ml.
IHC-P		Use a concentration of 3 µg/ml.

Target

Function

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.

Tissue specificity

Leukocytes.

Sequence similarities

Belongs to the integrin alpha chain family.

Contains 7 FG-GAP repeats.

Contains 1 VWFA domain.

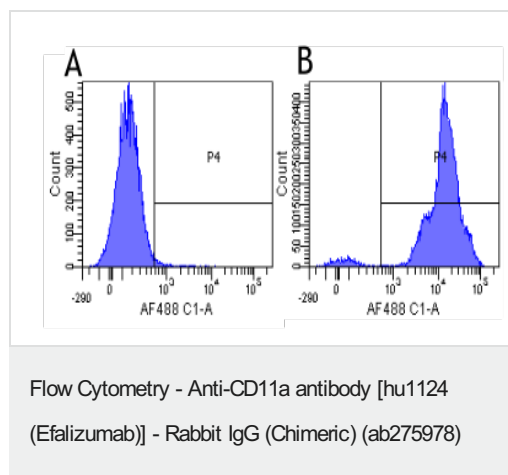
Domain

The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

Cellular localization

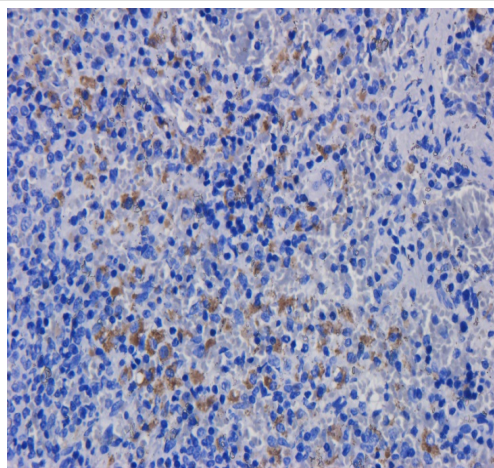
Membrane.

Images



This data was produced using the human IgG1, kappa version of the antibody.

Flow cytometry of human lymphocytes labeling CD11a with the human IgG1, kappa version of the antibody (panel B) compared with an isotype control (panel A) at 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150073](#)) and cells analysed on a FACSCanto flow-cytometer.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11a antibody [hu1124 (Efalizumab)] - Rabbit IgG (Chimeric) (ab275978)

This data was produced using the human IgG1, kappa version of the antibody.

Anti-CD11a staining of formaldehyde fixed paraffin embedded rat spleen tissue, at 40x magnification. The human IgG1-chimeric version of the antibody was used to stain samples at a concentration of 3 µg/ml.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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