Anti-CD11a (Integrin Subunit Alpha L) [SPVL15]

Catalogue number: 154791
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: Netherlands Cancer Institute
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD11a (Integrin Subunit Alpha L) [SPVL15]

Alternate name: ITGAL; LFA-1A

Class: Monoclonal
Conjugate: Unconjugated
Description: ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signalling.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Immunization of BALB/c mice with cells of the T4+T8- cytotoxic T lymphocyte clone HG-38
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD11a

Target alternate names:

Target background: ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signalling.

Molecular weight: 126 kDa

Ic50:

Applications

Application: FACS ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Rousset et al. 1989. J Immunol. 143(5):1490-8. PMID: 2547869.