

Anti-CD49b [16B4]

Catalogue number: 153366

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: University of Manchester ; Absolute Antibody

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD49b [16B4]

Alternate name: Integrin Subunit Alpha 2; Alpha 2 Subunit Of VLA-2 Receptor; Platelet Membrane Glycoprotein Ia; CD49 Antigen-Like Family Member B; Collagen Receptor; CD49B; GPIa; Very Late Activation Protein 2 Receptor; Alpha-2 Subunit; Human Platelet Alloantigen System; Platelet Glycoprotein GPIa; VLA-2 Subunit Alpha; CD49b Antigen; HPA-5; VLA-2; VLAA2; BR

Class: Recombinant

Conjugate: Unconjugated

Description: CD49b is an integrin alpha subunit which makes up half of the $\alpha 2 \beta 1$ integrin duplex. Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. They are found on a wide variety of cell types including, T cells (the NKT cells), NK cells, fibroblasts and platelets. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Purified human beta 1 preparation from HT1080 fibrosarcoma cell extract.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

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

Target details

Target: CD49f (Integrin $\alpha 2\beta 1$)

Target alternate names:

Target background: CD49b is an integrin alpha subunit which makes up half of the $\alpha 2\beta 1$ integrin duplex. Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. They are found on a wide variety of cell types including, T cells (the NKT cells), NK cells, fibroblasts and platelets. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; IP

Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Original hybridoma first published in: Mould et al. 1995. FEBS Lett. 363(1-2):118-22. PMID: 7537221.

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