

Anti-CD18 [BU86]

Catalogue number: 153230

Sub-type:

Images:

Contributor

Inventor: Margaret Goodall

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD18 [BU86]

Alternate name: Cell differentiation 18; Integrin beta-2; ITGB2 gene

Class: Monoclonal

Conjugate: Unconjugated

Description: The CD18 protein is the integrin beta chain beta 2. Integrins are integral cell-surface proteins composed of alpha and beta chains. A given chain may combine with multiple partners resulting in different integrins. In humans a lack of CD18 causes leukocyte adhesion deficiency, a disease defined by a lack of leukocyte extravasation from blood into tissues. The beta 2 integrins have also been found in a soluble form and these ligand binding proteins are inversely associated with disease activity in the autoimmune disease spondyloarthritis.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD18

Target alternate names:

Target background: The CD18 protein is the integrin beta chain beta 2. Integrins are integral cell-surface proteins composed of alpha and beta chains. A given chain may combine with multiple partners resulting in different integrins. In humans a lack of CD18 causes leukocyte adhesion deficiency, a disease defined by a lack of leukocyte extravasation from blood into tissues. The beta 2 integrins have also been found in a soluble form and these ligand binding proteins are inversely associated with disease activity in the autoimmune disease spondyloarthritis.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/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: Leucocyte Typing IV, (1989): edited by W. Knapp, OUP, Oxford. ; Leucocyte Typing V, (1995): edited by S.F. Schlossman, OUP, Oxford. ; Leucocyte Typing VI, (1998): edited by T. Kishimoto, Garland Publishing, New York.

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