

Anti-Leu1 [Y2/178]

Catalogue number: 151344

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Leu1 [Y2/178]

Alternate name: CD5 Molecule 2; Lymphocyte Antigen T1/Leu-1; LEU1; CD5 Antigen; T1

Class: Monoclonal

Conjugate: Unconjugated

Description: CD5 is a surface glycoprotein present on peripheral T cells (>95%) and B-cell chronic lymphocytic leukaemia cells that binds CD72. CD5 has utility for the monitoring of T-cell numbers in peripheral blood and the identification of leukaemias of T cell origin. Absence of the CD5 marker on childhood ALL cells is associated with a more favourable prognosis.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Normal lymphocytes treated with PHA (phytohaemagglutinin)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Leu1 (CD5)

Target alternate names:

Target background: CD5 is a surface glycoprotein present on peripheral T cells (>95%) and B-cell chronic lymphocytic leukaemia cells that binds CD72. CD5 has utility for the monitoring of T-cell numbers in peripheral blood and the identification of leukaemias of T cell origin. Absence of the CD5 marker on childhood ALL cells is associated with a more favourable prognosis.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 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: Jones et al. 1993. J Immunol. 150(12):5429-35. PMID: 8515069. ; Detection of T and B cells in many animal species using cross-reactive anti-peptide antibodies.

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