Anti-Leu1 [CD5/54/F6]

Catalogue number: 151343
Sub-type: Primary antibody
Images:

Contributor

Inventor: Jacqueline Cordell
Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Leu1 [CD5/54/F6]

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. Detects CD5 on mammalian tissue
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Bovine ; Chicken ; Horse ; Guinea Pig ; Opossum ; Pig ; Primate ; Rat ; Rabbit
Selectivity:
Host: Mouse
Immunogen: Peptide from the intracellular region of CD5 (SSMQPDNSSDSDYDLHGAQRL)
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. Detects CD5 on mammalian tissue

Molecular weight:

Ic50:

Applications

Application: IHC ; 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: Doursout et al. 2013. J Interferon Cytokine Res. 33(7):376-83. PMID: 23600861. ; Inflammatory cells and cytokines in the olfactory bulb of a rat model of neuroinflammation; insights into neurodegeneration? ; Wang et al. 2012. PLoS One. 7(7):e39525. PMID: 22848356. ; Interleukin-10 haplotype may predict survival and relapse in resected non-small cell lung cancer. ; Bianchi et al. 2012. Diabetes Metab Res Rev. 28(2):156-63. PMID: 21922635. ; Oligodeoxynucleotide IMT504: lack of effect on immune parameters during islet regeneration in single dose streptozotocin-induced diabetes. ; 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.