Anti-CD45RO [UCH-L1]

Catalogue number: 151173
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

*FOR RESEARCH USE ONLY

Name: Anti-CD45RO [UCH-L1]

Alternate name: Protein Tyrosine Phosphatase; Receptor Type C; CD45 Antigen; CD45; L-CA; T2; Protein Tyrosine Phosphatase; Receptor Type; C Polypeptide; T2 Leukocyte Common Antigen; T2 Glycoprotein; EC 3.1.3.48; GP18; CD45R; B22; LCA; LY5

Class: Monoclonal
Conjugate: Unconjugated
Description: Highly specific monoclonal antibody which can detect CD45RO, differentiating between subpopulations of T lymphocytes.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Cultured T cells from an IL-2-dependent T-cell line (CA1) prepared from human peripheral blood activated with influenza virus.
Immunogen UNIPROT ID: P08575
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Protein tyrosine phosphatase, receptor type, C (PTPRC, CD45RO)

Target alternate names:

Target background: CD45RO (UCHL1) is also known as protein tyrosine phosphatase receptor type C (PTPRC) or leukocyte common antigen. It is a transmembrane pan-leukocyte protein with tyrosine phosphatase activity and is involved in the regulation of signal transduction in haematopoiesis and the threshold of T cell antigen receptor (TCR) signalling.

Molecular weight: 180 kDa

Ic50:

Applications

Application: FACS ; IHC ; 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: Store at -20° C frozen. Avoid repeated freeze / thaw cycles
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-CD45RO, Recombinant [UCH-L1]

References

References: Wu et al. 2013. Am J Nucl Med Mol Imaging. 3(5):446-55. PMID: 24116353. ; Molecular MRI of atherosclerotic plaque progression in an ApoE(-/-) mouse model with a CLT1 peptide targeted macrocyclic Gd(III) chelate. ; Linch et al. 1984. Blood. 63(3):566-73. PMID: 6365201. ; Monoclonal antibodies differentiating between monocytic and nonmonocytic variants of AML. ; Hogg et al. 1983. J Exp Med. 157(2):473-85. PMID: 6822786. ; Human monocytes are associated with the formation of fibrin. ; Hogg et al. 1981. Cell. 24(3):875-84. PMID: 6788378. ; Monoclonal antibody with specificity for monocytes and neurons.