Anti-CD45R [351C5]

Catalogue number: 151047
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD45R [351C5]

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: 351C5 may be used in the typing of leukaemias and lymphomas and in studies of Fn subsets of B and T cells.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Raji cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Protein tyrosine phosphatase, receptor type, C (PTPRC, CD45R)

Target alternate names:

Target background: PTPRC (CD45) is a transmembrane tyrosine phosphatase that is present on all leukocytes. PTPRC regulates the threshold of T cell antigen receptor (TCR) signaling through dephosphorylation of protein tyrosine kinases (e.g. Lck and Fyn). CD45R and CD45RO are two of multiple PTPRC isoforms generated by alternative splicing. CD45R is found on B lymphocyte and T lymphocyte subsets. CD45RO is present on 50% of T cells, most granulocytes and monocytes and most mature T cell tumours.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; 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: Allen et al. 1987. Cancer Res. 47(11):2919-23. PMID: 3105871. ; Association of colorectal tumor epithelium expressing HLA-D/DR with CD8-positive T-cells and mononuclear phagocytes.