Anti-CD45RA [BU77]

Catalogue number: 153172
Sub-type: Primary antibody
Images:

Contributor

Inventor: Roy Jefferis
Institute: University of Birmingham
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD45RA [BU77]

Alternate name: PTPRC, CD45RA

Class: Monoclonal
Conjugate: Unconjugated
Description: CD45RA is a transmembrane tyrosine phosphatase that is present on all leukocytes. CD45 RA regulates the threshold of T cell antigen receptor (TCR) signaling through dephosphorylation of protein tyrosine kinases (e.g. Lck and Fyn). CD45 can be expressed as one of several isoforms by alternative splicing of exons that comprise the extracellular domain. CD45RA is expressed on na??ve T cells, as well as the effector cells in both CD4 and CD8. CD45RA is an isoform of the PTPRC complex which is sel...
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Perpheral Blood B 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

Target alternate names:

Target background: CD45RA is a transmembrane tyrosine phosphatase that is present on all leukocytes. CD45 RA regulates the threshold of T cell antigen receptor (TCR) signaling through dephosphorylation of protein tyrosine kinases (e.g. Lck and Fyn). CD45 can be expressed as one of several isoforms by alternative splicing of exons that comprise the extracellular domain. CD45RA is expressed on nave T cells, as well as the effector cells in both CD4 and CD8. CD45RA is an isoform of the PTPRC complex which is s...

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC
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: Flanagan et al. 2017. Mol Biol Cell. :. PMID: 28100636