

Anti-CD45 [C363.16A]

Catalogue number: 155241

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Yale University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD45 [C363.16A]

Alternate name: YCD45R-1

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody directed against CD45RB isoform of CD45. Background and Research Application CD45RB is an isoform of CD45 with exon 5 splicing (encodes B determinant). It is a 220 kD glycoprotein expressed on peripheral B cells, na?ve T cells, thymocytes, weakly on macrophages, and dendritic cells. CD45 regulates Src-family kinases, integrin-mediated signal transduction pathways and can suppress JAK kinases, acting as a negative regulator of cytokine receptor signalling. It plays a criti...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG

Reactivity: Mouse

Selectivity:

Host: Rat

Immunogen: cloned T cell lines belonging to the helper T cell (Th2) subset, final boost was given with helper/Th2 clone D10

Immunogen UNIPROT ID: P08575

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD45

Target alternate names:

Target background: Monoclonal antibody directed against CD45RB isoform of CD45. Background and Research Application CD45RB is an isoform of CD45 with exon 5 splicing (encodes B determinant). It is a 220 kD glycoprotein expressed on peripheral B cells, nave T cells, thymocytes, weakly on macrophages, and dendritic cells. CD45 regulates Src-family kinases, integrin-mediated signal transduction pathways and can suppress JAK kinases, acting as a negative regulator of cytokine receptor signalling. It plays a cr...

Molecular weight: 190 kDa and 220 kDa

Ic50:

Applications

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

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Tite et al. 1986. J Exp Med. 163(1):189-202. PMID: 3484511.

CancerTools.org