Anti-CD45 [C11]

Catalogue number: 151082
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD45 [C11]

Alternate name: Anti-PTPRC

Class: Monoclonal
Conjugate: Unconjugated
Description: PTPRC, also known as CD45, is a transmembrane tyrosine phosphatase that is present on all leukocytes. It regulates the threshold of T cell antigen receptor (TCR) signaling through dephosphorylation of protein tyrosine kinases (e.g. Lck and Fyn). C11 may be used for differential diagnosis of lymphoma and carcinoma and identification of haemopoietic tumours.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Human lymphocytes
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, CD45)

Target alternate names:

Target background: PTPRC 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). C11 may be used for differential diagnosis of lymphoma and carcinoma and identification of haemopoietic tumours.

Molecular weight: 180-222 kDa

Ic50:

Applications

Application: IHC ; IP
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: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Griffiths et al. 1987. Int J Cancer. 40(3):319-27. PMID: 3623715. ; Immunological analysis of mucin molecules expressed by normal and malignant mammary epithelial cells.