

Anti-CD45 [BU64]

Catalogue number: 151452

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD45 [BU64]

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).

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity:

Selectivity:

Host: Mouse

Immunogen:

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).

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: RPMI 1640 + 10% FCS

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Takeda et al. 2003. J Cell Biol. 161(5):945-56. PMID: 12796480. ; Tetraspanins CD9 and

CD81 function to prevent the fusion of mononuclear phagocytes. ; Funakoshi et al. 2003. Oncogene. 22(5):674-87. PMID: 12569360. ; Expression of tetraspanins in human lung cancer cells: frequent downregulation of CD9 and its contribution to cell motility in small cell lung cancer. ; Flora et al. 1994. Eur J Immunol. 24(11):2625-32. PMID: 7525298. ; Recognition of apoptotic cells by human macrophages: inhibition by a monocyte/macrophage-specific monoclonal antibody.

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