

2C4 cell line

Catalogue number: 154235

Sub-type: Continuous

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: 2C4 cell line

Alternate name:

Class:

Conjugate:

Description: The 2C4 cell line is a clonal derivative of the human fibrosarcoma cell line HT 1080. The 2C4 cell line clone expresses the simple cell-surface marker CD2 (normally expressed only on T cells) under the control of the 9-27 gene promoter. The 9-27 gene promoter is inducible by interferon gamma.

Purpose:

Parental cell: HT 1080

Organism: Human

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: DMEM + 10% heat-inactivated FBS + 400ug G418 per ml (As described by Kohlhuber et al., 1997)

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: Liquid Nitrogen

Shipping conditions: Dry ice

Related tools

Related tools: Gamma2A Jak2 Cell Line ; 2C4-Gamma2A cell line

References

References: Kohlhuber et al. 1997. Mol Cell Biol. 17(2):695-706. PMID: 9001223. ; A JAK1/JAK2 chimera can sustain alpha and gamma interferon responses. ; Watling et al. 1993. Nature.

366(6451):166-70. PMID: 7901766. ; Complementation by the protein tyrosine kinase JAK2 of a mutant cell line defective in the interferon-gamma signal transduction pathway.

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