Anti-CyclinB1 [PSA1.1]

Catalogue number: 151499
Sub-type: Primary antibody
Images:

Contributor

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Institute: University of Cambridge
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CyclinB1 [PSA1.1]

Alternate name: CCNB1; Cyclin B1; G2/Mitotic-Specific Cyclin B1; CCNB

Class: Monoclonal
Conjugate: Unconjugated
Description: Cyclin B1 is involved in the regulation of cdk1, and the subsequent entry of eukaryotic cells into metaphase of the cell cycle. Cyclin B1 phosphorylates cdk1 at Thr14 and Tyr15, keeping cdk1 inactive. When cyclin B1 is inactivated by phosphorylation, cdc25 may then dephosphorylate Thr14 and Tyr15 of cdk1, allowing progression to metaphase.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: PSATGKVIDKKLPC
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Cyclin B1

Target alternate names:

Target background: Cyclin B1 is involved in the regulation of cdk1, and the subsequent entry of eukaryotic cells into metaphase of the cell cycle. Cyclin B1 phosphorylates cdk1 at Thr14 and Tyr15, keeping cdk1 inactive. When cyclin B1 is inactivated by phosphorylation, cdc25 may then dephosphorylate Thr14 and Tyr15 of cdk1, allowing progression to metaphase.

Molecular weight:

Ic50:

Applications

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

Related tools

Related tools:

References

References: