

Anti-CyclinA [E43.2]

Catalogue number: 151089

Sub-type: Primary antibody

Images:

Contributor

Inventor: Julian Gannon

Institute: Cancer Research UK, London Research Institute: Clare Hall Laboratories

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CyclinA [E43.2]

Alternate name: CCNA1; Cyclin A1; Testicular Tissue Protein Li 34; CT146

CancerTools.org

Class: Monoclonal
Conjugate: Unconjugated
Description: E43.2 is excellent for detecting cyclin A, giving a strong signal with no background.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Human Cyclin A
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Cyclin A

Target alternate names:

Target background: Cyclins bind to and regulate the activity of the Cyclin Dependent Protein Kinases (CDKs). Cyclin A is involved in the regulation of the cell cycle and is essential for progression through S phase. Cyclin A protein is absent in cells prior to S-phase, during which its levels increase and peak. Cyclin A is a marker for actively proliferating cells and for cells in S phase.

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

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References

References: Hagen et al. 2013. Cell Div. 8(1):10. PMID: 23886499. ; Silencing CDK4 radiosensitizes breast cancer cells by promoting apoptosis. ; Li et al. 2012. Proc Natl Acad Sci U S A. 109(31):12550-5. PMID: 22802651. ; Gap 1 phase length and mouse embryonic stem cell self-renewal. ; Hogg et al. 2011. Free Radic Biol Med. 50(9):1065-74. PMID: 21256959. ; Effect of nitric oxide on neointimal hyperplasia based on sex and hormone status. ; Geley et al. 2001. J Cell Biol. 153(1):137-48. PMID: 11285280. ; Anaphase-promoting complex/cyclosome-dependent proteolysis of human cyclin A starts at the beginning of mitosis and is not subject to the spindle assembly checkpoint. ; Adamczewski et al. 1993. J Virol. 67(11):6551-7. PMID: 8411358. ; Simian virus 40 large T antigen associates with cyclin A and p33cdk2.