

Anti-Cdk2 [C15.2]

Catalogue number: 152693

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-Cdk2 [C15.2]

Alternate name: Cyclin-Dependent Kinase 2; Cell Division Protein Kinase 2; P33 Protein Kinase; CDKN2; CDC2-Related Protein Kinase; P33(CDK2)

Class: Monoclonal

Conjugate: Unconjugated

Description: Cdk2 is a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B).

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Xenopus laevis

Selectivity:

Host: Mouse

Immunogen: Xenopus Cdk2

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cdk2

Target alternate names:

Target background: Cdk2 is a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B).

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 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: Sadler et al. 1993. Tissue Antigens. 41(1):42-6. PMID: 7681224. ; The monoclonal antibody TAL16.1 recognizes the aspartic acid residue at position 70 in DRB gene products. ; Altmann et al. 1990. Immunogenetics. 32(1):51-5. PMID: 1695613. ; Fine mapping of HLA class II monoclonal antibody specificities using transfected L cells.

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