

Anti-Cdk2 [AN21.2]

Catalogue number: 151245

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 [AN21.2]

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: AN21.2 is useful as a general CDK antibody since it reacts with both Cdk1 and Cdk2.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human ; Mouse ; Xenopus laevis

Selectivity:

Host: Mouse

Immunogen: Human recombinant Cdk2

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cyclin-dependent kinase 2 (cdk2)

Target alternate names:

Target background: Cdk2 is a cell cycle protein closely related to Cdk1 (Cdc2) and a useful marker of proliferation. Cdk2 binds cyclins A and E and controls progression into S-phase.

Molecular weight:

Ic50:

Applications

Application: ELISA ; 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: Syafrizayanti et al. 2017. Sci Rep. 7:39756. PMID: 28045055. ; Personalised proteome analysis by means of protein microarrays made from individual patient samples. ; Chang et al. 2016. J Formos Med Assoc. .: PMID: 27773559. ; Immunophenotypic and genetic characteristics of diffuse

large B-cell lymphoma in Taiwan. ; Chu et al. 2016. Journal of Fn Foods. 23:614-627 ; Xu et al. 2010. Biol Pharm Bull. 33(5):743-51. PMID: 20460749. ; Targeting the Na(+)/K(+)-ATPase alpha1 subunit of hepatoma HepG2 cell line to induce apoptosis and cell cycle arresting. ; Ottewell et al. 2009. Mol Cancer Ther. 8(10):2821-32. PMID: 19789217. ; Anticancer mechanisms of doxorubicin and zoledronic acid in breast cancer tumor growth in bone.

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