Anti-Cdk1 [17 (A17)]

Catalogue number: 151037
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

*FOR RESEARCH USE ONLY

Name: Anti-Cdk1 [17 (A17)]

Alternate name: Cyclin-Dependent Kinase 1; Cell Division Cycle 2, G1 To S And G2 To M; Cell Division Control Protein 2 Homolog; Cell Division Protein Kinase 1; P34 Protein Kinase; P34CDC2; CDC28A; CDC2; Cell Cycle Controller CDC2; CDKN1

Class: Monoclonal
Conjugate: Unconjugated
Description: Cdk1 (Cdc2) is a serine/threonine kinase which forms complexes with cyclins A and B which then phosphorylate a variety of target substrates to enable cell cycle progression. Therefore, Cdk1 is a marker for proliferating tumour cells.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Chicken ; Human ; Mouse ; Rat ; Xenopus laevis
Selectivity:
Host: Mouse
Immunogen: A carboxy-terminal fragment starting at methionine 85 of p34 cdc2 (Xenopus laevis).
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Tonsil
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Cyclin dependent kinase 1 (Cdk1, cdc2)

Target alternate names:

Target background: Cdk1 (Cdc2) is a serine/threonine kinase which forms complexes with cyclins A and B which then phosphorylate a variety of target substrates to enable cell cycle progression. Therefore, Cdk1 is a marker for proliferating tumour cells.

Molecular weight: 34 kDa

Ic50:

Applications

Application: ELISA ; IHC ; IP ; 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: Vsquez et al. 2016. Microbes Infect. :. PMID: 27717894. ; Plasmodium falciparum isolates from patients with uncomplicated malaria promote endothelial inflammation. ; Intercellular adhesion molecule 1 serves as a primary cognate receptor for the Type IV pilus of nontypeable Haemophilus influenzae. ; Novotny et al. 2016. Cell Microbiol. :. PMID: 26857242. ; Perturbation of adhesion molecule-mediated chondrocyte-matrix interactions by 4-hydroxynonenal binding: implication in osteoarthritis pathogenesis. ; El-Bikai et al. 2010. Arthritis Res Ther. 12(5):R201. PMID: 20977750. ; Conway et al. 2010. Am J Physiol Heart Circ Physiol. 298(2):H367-74. PMID: 19915176. ; Endothelial cell responses to atheroprone flow are driven by two separate flow components: low time-average shear stress and fluid flow reversal. ; Lauriello et al. 2005. Acta Otorhinolaryngol Ital. 25(5):284-91. PMID: 16602327. ; A two-year course of specific immunotherapy or of continuous antihistamine treatment reverse eosinophilic inflammation in severe persistent allergic rhinitis. ; Stanley et al. 2000. Biochem J. 351(Pt 1):79-86. PMID: 10998349. ; The second domain of intercellular adhesion molecule-1 (ICAM-1) maintains the structural integrity of the leucocyte function-associated antigen-1 (LFA-1) ligand-binding site in the first domain. ; Dransfield et al. 1992. J Cell Biol. 116(6):1527-35. PMID: 1541641. ; Interaction of leukocyte integrins with ligand is necessary but not sufficient for function.