

Anti-Cig2 [CIG2 3A11/5]

Catalogue number: 151210

Sub-type: Primary antibody

Images:

Contributor

Inventor:

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

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cig2 [CIG2 3A11/5]

Alternate name: Cyc17

Class: Monoclonal

Conjugate: Unconjugated

Description: Cig2 is a fission yeast (*S. pombe*) B-type S-phase cyclin and is expressed in a sharp spike peaking at G1/S period. Cig2 binds to Cdc2 (Cdk1), and the resulting Cdc2-Cig2 complex controls the G1/S transition of the cell cycle.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: *Schizosaccharomyces pombe*

Selectivity:

Host: Mouse

Immunogen: *S. pombe* Cig2 purified protein (bacterial expression)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cig2

Target alternate names:

Target background: Cig2 is a fission yeast (*S. pombe*) B-type S-phase cyclin and is expressed in a sharp spike peaking at G1/S period. Cig2 binds to Cdc2 (Cdk1), and the resulting Cdc2-Cig2 complex controls the G1/S transition of the cell cycle.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; IF ; 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: akmakli et al. 2018. *Noro Psikiyatr Ars.* 55(1):73-79. PMID: 30042645. ; Berard et al.

2015. J Virol. 89(23):11954-64. PMID: 26378181. ; Chen et al. 2015. Biophys Rep. 1:34-40. PMID: 26942217. ; Oh et al. 2012. EMBO Mol Med. 4(5):435-48. PMID: 22359280. ; Identification of the HSPB4/TLR2/NF-B axis in macrophage as a therapeutic target for sterile inflammation of the cornea. ; Urb et al. 1998. J Cell Biol. 143(7):1831-44. PMID: 9864358. ; Homotypic fusion of immature secretory granules during maturation in a cell-free assay. ; Ditti et al. 1995. Biochem J. 310 (Pt 3):777-87. PMID: 7575410. ; Characterization of the endopeptidase PC2 activity towards secretogranin II in stably transfected PC12 cells.

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