

Anti-p21 [AC8.3]

Catalogue number: 151194

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-p21 [AC8.3]

Alternate name: Cyclin-Dependent Kinase Inhibitor 1A; CDK-Interacting Protein 1; CDKN1; CAP2; MDA-6; CIP1; SDI1; WAF1; P21; Melanoma Differentiation Associated Protein 6; Wild-Type P53-Activated Fragment 1; CDK-Interaction Protein 1; DNA Synthesis Inhibitor; P21CIP1; MDA6; PIC1

Class: Monoclonal

Conjugate: Unconjugated

Description: AC8.3 can be used as a detection system for rapidly dividing cells and is recommended for use in tissue culture.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: His-tagged human p21 expressed in baculovirus.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: p21

Target alternate names:

Target background: Cell cycle progression is regulated by cyclins and their cognate Cdks. p21 (WAF1/CIP1) inhibits the activity of each member of the cyclin/Cdk family, and overexpression of this protein inhibits the proliferation of mammalian cells. The expression of p21 is inducible by a wide range of stress stimuli. p21 is tightly regulated at the transcriptional level by p53, and probably serves as the effector of p53 cell cycle control.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; 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:

CancerTools.org