Anti-ASF1 [ASF 4A1/3]

Catalogue number: 151319
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ASF1 [ASF 4A1/3]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Anti-silencing function 1 (Asf1) belongs to the H3/H4 family of histone chaperones. Its function has not been fully elucidated but it is believed to be involved in ensuring a constant supply of histones at sites of nucleosome assembly. Asf1 interacts with the DNA damage checkpoint protein Rad53 and so may have a role in cell cycle regulation and DNA responses. ASF1 A and B (the two human subtypes) are the only known substrate for Tousled-like kinase (TLK). The Tousled kinases are themselves regulated by the checkpoint protein kinases involved in the DNA damage response.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human ; Mouse
Selectivity:
Host: Mouse
Immunogen: FLAG-ASF1A
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Anti-Silencing Function 1 (ASF1)

Target alternate names:

Target background: Anti-silencing function 1 (Asf1) belongs to the H3/H4 family of histone chaperones. Its function has not been fully elucidated but it is believed to be involved in ensuring a constant supply of histones at sites of nucleosome assembly. Asf1 interacts with the DNA damage checkpoint protein Rad53 and so may have a role in cell cycle regulation and DNA responses. ASF1 A and B (the two human subtypes) are the only known substrate for Tousled-like kinase (TLK). The Tousled kinases are themselves regulated by the checkpoint protein kinases involved in the DNA damage response.

Molecular weight:

Ic50:

Applications

Application: 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: