

Anti-cancer inhibitor of protein phosphatase 2A [4A9-1A2]

Catalogue number: 158414

Sub-type: Primary antibody

Images:

Contributor

Inventor: Edward Chan

Institute: University of Florida Research Foundation

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-cancer inhibitor of protein phosphatase 2A [4A9-1A2]

Alternate name: CIP2A

Class: Monoclonal

Conjugate: Unconjugated

Description: CIP2A is an oncoprotein that inhibits PP2A tumor suppressor activity in human malignancies by preventing degradation of c-Myc and regulates the phosphorylation of many oncoproteins. CIP2A is required for malignant cellular growth and tumor formation and is overexpressed in several human cancers: head and neck squamous cell carcinoma, colon cancer, gastric cancer, breast cancer, prostate cancer, and lung cancer.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human ; Rat ; Mouse

Selectivity:

Host: Mouse

Immunogen: MAb were generated using the C-terminal third of the recombinant human protein as antigen

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Cancerous Inhibitor of Protein Phosphatase 2A

Target alternate names:

Target background: CIP2A is an oncoprotein that inhibits PP2A tumor suppressor activity in human malignancies by preventing degradation of c-Myc and regulates the phosphorylation of many oncoproteins. CIP2A is required for malignant cellular growth and tumor formation and is overexpressed in several human cancers: head and neck squamous cell carcinoma, colon cancer, gastric cancer, breast cancer, prostate cancer, and lung cancer.

Molecular weight:

Ic50:

Applications

Application: WB ; IP

Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ye et al. 2016. FEBS Lett. 590(11):1641-50. PMID: 27153315.

CancerTools.org