

Mouse anti-Human, Mouse CIP2A Monoclonal Antibody | anti-CIP2A antibody

Mouse anti-CIP2A Monoclonal Antibody, Affinity Purified [2A1-9A4]

CATALOG # AAA213496	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CIP2A; Monoclonal Antibody; Mouse anti-CIP2A Monoclonal Antibody; Affinity Purified [2A1-9A4]; KIAA1524; protein CIP2A; p90; cancerous inhibitor of PP2A; cancerous inhibitor of protein phosphatase 2A; p90 autoantigen; Protein CIP2A; cell proliferation regulating inhibitor of protein phosphatase 2A; anti-CIP2A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	2A1-9A4
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	40ug/ml (varies by lot)
Applicable Applications for anti-CIP2A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino terminal one-third of the CIP2A (GeneID 57650) recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse CIP2A by western blot. Samples: Whole cell lysate (50 ug) from BW5147.3, CT26, Ba/F3, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Mouse anti-CIP2A monoclonal antibody [2A1-9A4] (AAA213496 lot 3) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



WB (Western Blot)

Detection of human CIP2A by western blot. Samples: Whole cell lysate (25 ug) from HEK293T, Jurkat, U2OS, HeLa, and A-549 cells prepared using NETN lysis buffer. Antibody: Mouse anti-CIP2A monoclonal antibody [2A1-9A4] (AAA213496 lot 3) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IP (Immunoprecipitation)

Detection of human CIP2A by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Mouse anti-CIP2A monoclonal antibody [2A1-9A4] (AAA213496 lot 3) used for IP at 20 ul/mg lysate. CIP2A was also immunoprecipitated by a previous lot of this antibody (AAA213496 lot 1) and a second antibody against a different epitope of CIP2A. For blotting immunoprecipitated CIP2A, AAA213496 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CIP2A antibody	CIP2A (cancerous inhibitor of PP2A) was originally identified as p90, a cytoplasmic autoantigen found in the serum from a cancer patient. It was later described as a protein that interacted with the c-myc oncogene and functioned as an inhibitor of protein phosphatase 2A (PP2A) activity. Inhibition of PP2A phosphatase activity by CIP2A prevents c-myc phosphorylation and counteracts c-myc proteolytic degradation, thereby stabilizing c-myc and promoting cell growth and transformation. CIP2A is found to be overexpressed in some human malignancies and is thus classified as an oncogene that may be an important contributor to tumor formation.
Product Categories/Family for anti-CIP2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	57650
UniProt Accession #	Q8TCG1
UniProt Protein Name	Protein CIP2A
UniProt Gene Name	KIAA1524
UniProt Synonym Gene Names	CIP2A
UniProt Entry Name	CIP2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cip2a-antibody-clone-2a1-9a4-immunoprecipitation-western-blot-elisa/213496>