

Product datasheet

Anti-CIP2A antibody [2A1-9A4] ab128179

[1 References](#) [2 Images](#)

Overview

Product name	Anti-CIP2A antibody [2A1-9A4]
Description	Mouse monoclonal [2A1-9A4] to CIP2A
Host species	Mouse
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human CIP2A (N terminal).
Positive control	WB: HeLa, 293T, Jurkat and TCMK-1 whole cell lysates. IP: 293T
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 99% Tris buffered saline, 0.1% BSA
Purity	pH 7-8 IgG fraction
Purification notes	The antibody was purified using a mouse immunoglobulin binding ligand.
Clonality	Monoclonal
Clone number	2A1-9A4
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab128179 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000 - 1/25000. Predicted molecular weight: 102 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Oncoprotein that inhibits PP2A and stabilizes MYC in human malignancies. Promotes anchorage-independent cell growth and tumor formation.

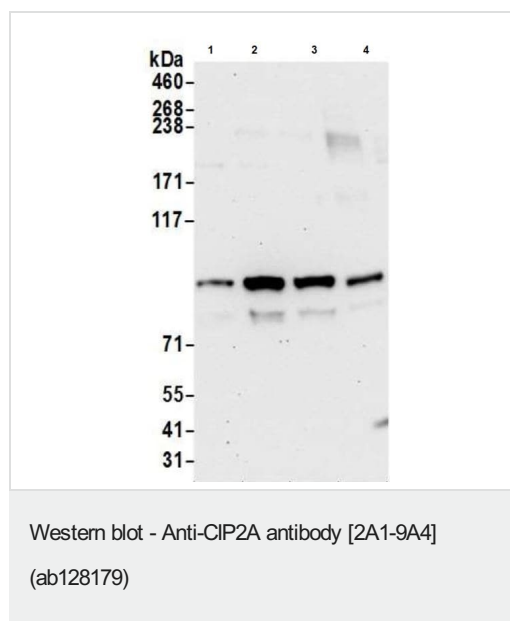
Tissue specificity

Expressed at low levels in most of the tissues. Overexpressed in head-and-neck squamous cell carcinomas (HNSCC). Present in liver cancer cells (at protein level).

Cellular localization

Membrane. Cytoplasm. Slightly concentrates in the perinuclear region.

Images



All lanes : Anti-CIP2A antibody [2A1-9A4] (ab128179) at 1/1000 dilution

Lane 1 : HeLa Whole cell lysate

Lane 2 : HEK293T Whole cell lysate

Lane 3 : Jurkat Whole cell lysate

Lane 4 : mouse TCMK-1 Whole cell lysate

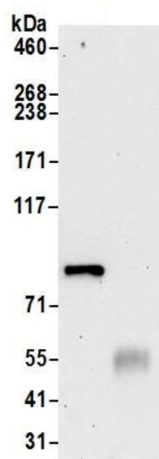
Lysates/proteins at 15 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-mouse IgG

Predicted band size: 102 kDa

Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation - Anti-CIP2A antibody [2A1-9A4] (ab128179)

293T whole cell lysate (1 mg for IP, 20% of IP loaded) was used for immunoprecipitation with ab128179 at 3 µg/mg (lane 1) and control IgG (lane 2). Western blotting was performed using ab128179 at 1/1000 dilution. Detection by chemiluminescence was performed for 10 seconds.

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