

For Research Use Only

# CoraLite®594-conjugated CIP2A Monoclonal antibody



Catalog Number:CL594-67843

## Basic Information

<b>Catalog Number:</b> CL594-67843	<b>GenBank Accession Number:</b> BC130564	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 57650	<b>CloneNo.:</b> 2A3F3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8TCG1	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> KIAA1524	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG19598	<b>Calculated MW:</b> 905 aa, 102 kDa	
	<b>Observed MW:</b> 102 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> Human, rat	

## Background Information

Cancerous inhibitor of protein phosphatase 2A (CIP2A) was originally identified as a cellular protein phosphatase 2A (PP2A) inhibitor, and has been shown to control oncogenic cellular signals by suppressing the tumor suppressor PP2A. CIP2A overexpression has been found in several human malignancies including breast cancer, hepatocellular carcinoma, gastric cancer, head and neck cancer, colon cancer, prostate cancer and non-small cell lung cancer. CIP2A is a 83-102 kDa cytoplasmic protein. ( PMID: 26824320, PMID: 25458953, PMID: 29720672)

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

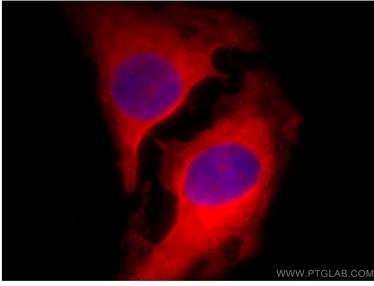
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®594 CIP2A antibody (CL594-67843, Clone: 2A3F3) at dilution of 1:200.