

For Research Use Only

# CoraLite®594-conjugated PEBP1 Monoclonal antibody



Catalog Number:CL594-66438

## Basic Information

<b>Catalog Number:</b> CL594-66438	<b>GenBank Accession Number:</b> BC008714	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5037	<b>CloneNo.:</b> 2D4D11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P30086	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> phosphatidylethanolamine binding protein 1	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG0864	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 23-27 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF/ICC : A549 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Raf kinase inhibitor protein (RKIP), also termed phosphatidylethanolamine binding protein PEBP1, was initially identified as a potent inhibitor of Raf-1/MEK/ERK, NF-κB, and G-protein-coupled receptor signaling pathways. Later RKIP has been further identified as a metastasis suppressor and its loss of expression has been reported in various cancers. Its expression has been proposed as a prognostic marker for patients diagnosed with the above cancers.

## 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 Ethanol)  
fixed A549 cells using CoraLite®594 PEBP1  
antibody (CL594-66438, Clone: 2D4D11) at dilution  
of 1:200.