

CoraLite®594-conjugated PEBP1 Monoclonal antibody

Catalog Number: **CL594-66438**

Basic Information

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

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: 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

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.