

For Research Use Only

CoraLite®594-conjugated RBBP9 Monoclonal antibody



Catalog Number:CL594-66015

Basic Information

Catalog Number: CL594-66015	GenBank Accession Number: BC015938	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10741	CloneNo.: 3D5E11
Source: Mouse	UNIPROT ID: O75884	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG2b	Full Name: retinoblastoma binding protein 9	
Immunogen Catalog Number: AG17864	Calculated MW: 186 aa, 21 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

RBBP9, also named as BOC, RBBP10, RBBP-9, RBBP-10 and Protein BOC, belongs to the RBBP9 family. It may play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-β 1 through interaction with retinoblastoma and the subsequent displacement of E2F-1. RBBP9 is a tumor-associated serine hydrolase activity required for pancreatic neoplasia. It mediates suppression of TGF-β signaling is required for E-cadherin expression as loss of the serine hydrolase activity leads to a reduction in E-cadherin levels and a concomitant decrease in the integrity of tumor cell-cell junctions. RBBP9 protein levels were equivalent in paired primary tumor and nonneoplastic specimens(PMID:20080647)

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:

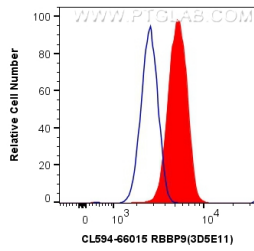
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human RBBP9 (CL594-66015, Clone:3D5E11) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).