

For Research Use Only

CoraLite® Plus 488-conjugated RBBP9 Monoclonal antibody



Catalog Number:CL488-66015

Basic Information

Catalog Number: CL488-66015	GenBank Accession Number: BC015938	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10741	CloneNo.: 3D5E11
Source: Mouse	Full Name: retinoblastoma binding protein 9	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 186 aa, 21 kDa	
Immunogen Catalog Number: AG17864	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-β1 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.

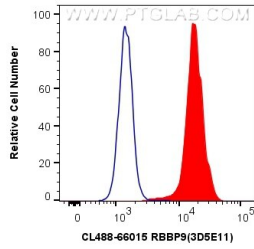
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 0.8 ug CoraLite® Plus 488 Anti-Human RBBP9 (CL488-66015, Clone:3D5E11) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG2b Isotype Control (MPC-11) (CL488-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).