

# CoraLite® Plus 488-conjugated RBBP9 Monoclonal antibody

Catalog Number: **CL488-66015**

## Basic Information

<b>Catalog Number:</b> CL488-66015	<b>GenBank Accession Number:</b> BC015938	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10741	<b>CloneNo.:</b> 3D5E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O75884	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG2b	<b>Full Name:</b> retinoblastoma binding protein 9	
<b>Immunogen Catalog Number:</b> AG17864	<b>Calculated MW:</b> 186 aa, 21 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

**Tested Applications:**  
**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**

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