

For Research Use Only

# CoraLite® Plus 488-conjugated RYBP Monoclonal antibody



Catalog Number: CL488-68130

## Basic Information

<b>Catalog Number:</b> CL488-68130	<b>GenBank Accession Number:</b> BC014959	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 23429	<b>CloneNo.:</b> 2C6G7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8N488	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> RING1 and YY1 binding protein	
<b>Immunogen Catalog Number:</b> AG31715	<b>Calculated MW:</b> 228 aa, 25 kDa	
	<b>Observed MW:</b> 32 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, mouse

## Background Information

Polycomb repressive complexes (PRCs) are important chromatin regulators of embryonic stem (ES) cell function [PMID:22269950]. RYBP binds Polycomb H2A monoubiquitin ligases Ring1A and Ring1B and has been suggested to assist PRC localization to their targets. RYBP, firstly identified as a direct interactor with Ring1A, acts as transcriptional repressor in reporter assays, both in tissue culture cells and in the fly [PMID:16125914]

## 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:

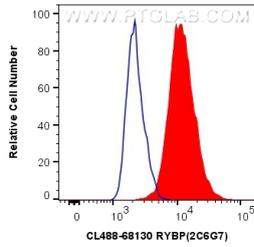
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human RYBP (CL488-68130, Clone:2C6G7) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).