

For Research Use Only

# CoraLite® Plus 488-conjugated FRZB Monoclonal antibody



Catalog Number: **CL488-67081**

## Basic Information

<b>Catalog Number:</b> CL488-67081	<b>GenBank Accession Number:</b> BC027855	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2487	<b>CloneNo.:</b> 2B4A1
<b>Source:</b> Mouse	<b>Full Name:</b> frizzled-related protein	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 325 aa, 36 kDa	
<b>Immunogen Catalog Number:</b> AG28147	<b>Observed MW:</b> 36 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, mouse

## Background Information

Frzb (also known as sFRP3) is a member of the secreted frizzled related protein (SFRP) family, originally identified as a chondrogenic factor during bone morphogenesis (PMID: 29209231). It was subsequently shown to be a regulator in Wnt signaling, and also have a role in regulating cell growth and differentiation in specific cell types. FRZB was seen to be acting as an oncogene in some cancer, such as metastatic renal cancer.

## 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.

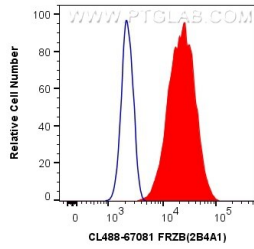
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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](mailto:proteintech@ptglab.com) W: [ptglab.com](http://ptglab.com)

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> Neuro-2a cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human FRZB (CL488-67081, Clone:2B4A1) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).