

For Research Use Only

CoraLite® Plus 488-conjugated FRZB Monoclonal antibody



Catalog Number: CL488-67081

Basic Information

Catalog Number: CL488-67081	GenBank Accession Number: BC027855	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 2487	CloneNo.: 2B4A1
Source: Mouse	UNIPROT ID: Q92765	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Full Name: frizzled-related protein	
Immunogen Catalog Number: AG28147	Calculated MW: 325 aa, 36 kDa	
	Observed MW: 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

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

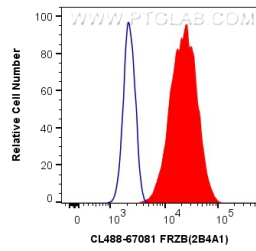
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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).