

CoraLite® Plus 488-conjugated FRZB

Monoclonal antibody

Catalog Number: **CL488-67081**

Basic Information

Catalog Number:

CL488-67081

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28147

GenBank Accession Number:

BC027855

GeneID (NCBI):

2487

UNIPROT ID:

Q92765

Full Name:

frizzled-related protein

Calculated MW:

325 aa, 36 kDa

Observed MW:

36 kDa

Purification Method:

Protein G purification

CloneNo.:

2B4A1

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

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:

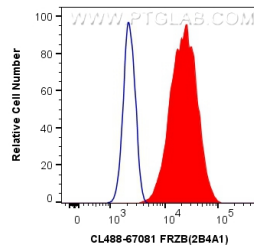
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).