

For Research Use Only

CoraLite® Plus 488-conjugated CAPZA1 Monoclonal antibody



Catalog Number: **CL488-66066**

Basic Information

Catalog Number: CL488-66066	GenBank Accession Number: BC000144	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 829	CloneNo.: 10H1F9
Source: Mouse	UNIPROT ID: P52907	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: capping protein (actin filament) muscle Z-line, alpha 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18841	Calculated MW: 286 aa, 33 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

CAPZA1 (F-actin-capping protein subunit alpha-1) is a member of the F-actin capping protein alpha subunit family and regulates actin filament growth, stability and disassembly. Differential expression of CAPZA1 has been found in gastric cancer and melanoma, indicating its possible role in tumorigenesis. (21566537, 23545944)

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:

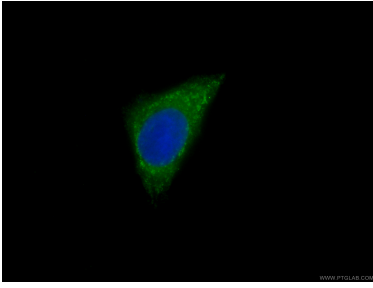
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CL488-66066 (CAPZA1 antibody) at dilution of 1:100.