

For Research Use Only

# CoraLite®488-conjugated CAPZA1 Monoclonal antibody



Catalog Number:CL488-66066

## Basic Information

<b>Catalog Number:</b> CL488-66066	<b>GenBank Accession Number:</b> BC000144	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100UL, Concentration: 1000 µg/ml by 829 Nanodrop;	<b>GeneID (NCBI):</b> 829	<b>CloneNo.:</b> 10H1F9
<b>Source:</b> Mouse	<b>Full Name:</b> capping protein (actin filament) muscle Z-line, alpha 1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 286 aa, 33 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm/515 nm
<b>Immunogen Catalog Number:</b> AG18841		

## Applications

<b>Tested Applications:</b> IF, ELISA	<b>Positive Controls:</b> IF : MCF-7 cells,
<b>Species Specificity:</b> 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)

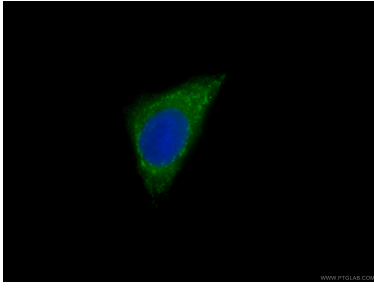
## Storage

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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.