

For Research Use Only

# CoraLite® Plus 488-conjugated SEPT6 Monoclonal antibody



Catalog Number:CL488-68173

## Basic Information

<b>Catalog Number:</b> CL488-68173	<b>GenBank Accession Number:</b> BC036240	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23157	<b>CloneNo.:</b> 1B1G1
<b>Source:</b> Mouse	<b>Full Name:</b> septin 6	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 434 aa, 50 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG32736	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HEK-293 cells,
<b>Species Specificity:</b> Human, mouse, pig, rabbit, rat	

## Background Information

Septin 6 belongs to the septins family which are conserved GTP-binding proteins functioning as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeletal remodeling. Septin 6 also interacts with hepatitis C virus (HCV) NS5b RNA polymerase and NS5b-binding protein ( HNRNPA1) and may play a role in HCV RNA replication.

## Storage

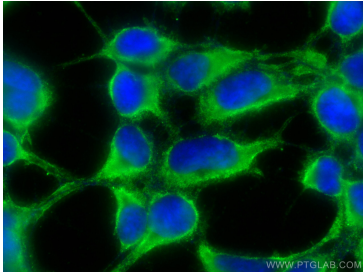
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
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 (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 SEPT6 antibody (CL488-68173, Clone: 1B1G1 ) at dilution of 1:100.