

For Research Use Only

# CoraLite® Plus 488-conjugated WWP1 Monoclonal antibody

Catalog Number:CL488-67804



## Basic Information

<b>Catalog Number:</b> CL488-67804	<b>GenBank Accession Number:</b> BC036065	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11059	<b>CloneNo.:</b> 2G8G11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9H0M0	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG2b	<b>Full Name:</b> WW domain containing E3 ubiquitin protein ligase 1	
<b>Immunogen Catalog Number:</b> AG30171	<b>Calculated MW:</b> 922 aa, 105 kDa	
	<b>Observed MW:</b> 95-105 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## Background Information

WW domain-containing E3 ubiquitin protein ligase 1 (WWP1) is a multifunction protein containing an N-terminal C2 domain, four tandem WW domains for substrate binding, and a C-terminal catalytic HECT domain for ubiquitin transferring. It is also named as AIP5, Tiul1. WWP1 regulates a variety of cellular biological processes including protein trafficking and degradation, signaling, transcription, and viral budding. WWP1 has been implicated in several diseases, such as cancers, infectious diseases, neurological diseases, and aging(PMID:22051607). It has 6 isoforms produced by alternative splicing.

## 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

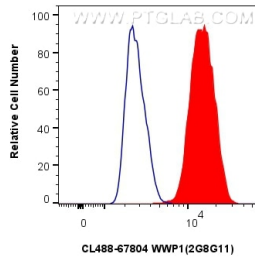
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> PC-3 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Wwp1 Monoclonal Antibody (CL488-67804, Clone:2G8G11)(red), or 0.4 ug Coralite® Plus 488 Mouse IgG2b isotype control (11B8C4) (CL488-66360-3, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).