

For Research Use Only

# WWP1 Monoclonal antibody, PBS Only



Catalog Number: 67804-1-PBS

## Basic Information

<b>Catalog Number:</b> 67804-1-PBS	<b>GenBank Accession Number:</b> BC036065	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11059	<b>CloneNo.:</b> 2G8G11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9H0M0	
<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:**  
WB, Indirect ELISA

**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

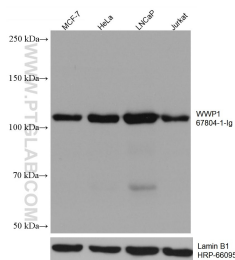
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

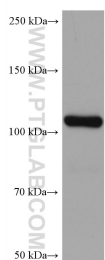
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67804-1-Ig (WWP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 67804-1-PBS in a different storage buffer formulation.



HaCaT cells were subjected to SDS PAGE followed by western blot with 67804-1-Ig (WWP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67804-1-PBS in a different storage buffer formulation.