

For Research Use Only

# ASC/TMS1 Monoclonal antibody, PBS Only



Catalog Number: 67494-1-PBS

## Basic Information

<b>Catalog Number:</b> 67494-1-PBS	<b>GenBank Accession Number:</b> BC004470	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29108	<b>CloneNo.:</b> 2G12E6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9ULZ3	
<b>Isotype:</b> IgG1	<b>Full Name:</b> PYD and CARD domain containing	
<b>Immunogen Catalog Number:</b> AG28424	<b>Calculated MW:</b> 25 kDa	
	<b>Observed MW:</b> 22-25 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, rat

## Background Information

PYCARD, also known as ASC or TMS1, is a 195 amino acid protein containing an N-terminal Pyrin-like domain (PYD) and an 87 residue C-terminal Caspase-associated recruitment domain (CARD). It promotes caspase-mediated apoptosis which is mediated predominantly through the activation of caspase-9.

## Storage

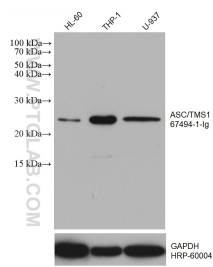
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

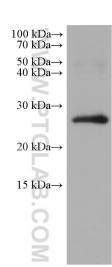
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

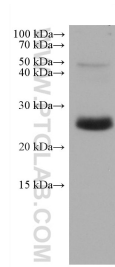
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67494-1-Ig (ASC/TMS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67494-1-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 67494-1-Ig (ASC/TMS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67494-1-PBS in a different storage buffer formulation.



rat spleen tissue were subjected to SDS PAGE followed by western blot with 67494-1-Ig (ASC/TMS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67494-1-PBS in a different storage buffer formulation.