

For Research Use Only

ASC/TMS1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88328-1-PBS



Basic Information

Catalog Number: 88328-1-PBS	GenBank Accession Number: BC004470	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29108	CloneNo.: 260842C2
Source: Rabbit	UNIPROT ID: Q9ULZ3	
Isotype: IgG	Full Name: PYD and CARD domain containing	
Immunogen Catalog Number: AG0774	Calculated MW: 25 kDa	
	Observed MW: 15-22 kDa	

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human

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. TMS1/ASC has different isoforms: ASC, ASC-b and ASC-c (PMID: 20482797).

Storage

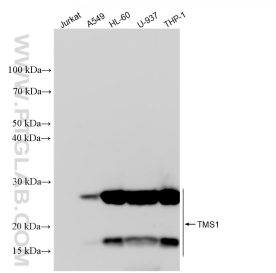
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

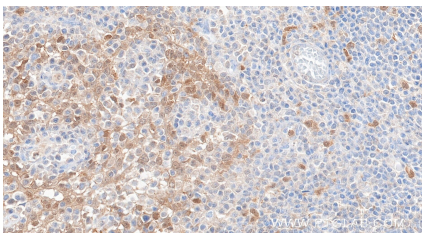
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

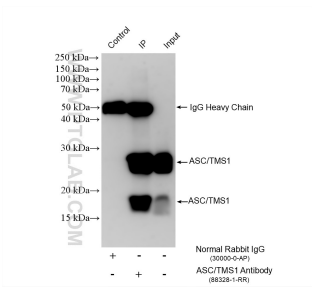
Selected Validation Data



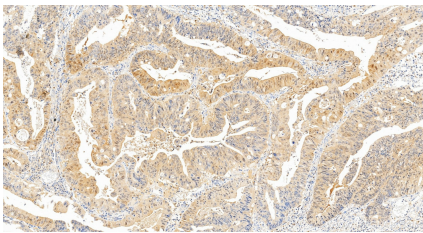
Various lysates were subjected to SDS PAGE followed by western blot with 88328-1-RR (TMS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88328-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 88328-1-RR (ASC/TMS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88328-1-PBS in a different storage buffer formulation.



IP result of anti-ASC/TMS1 (IP:88328-1-RR, 4ug; Detection:88328-1-RR 1:3000) with HL-60 cells lysate 1200 ug. This data was developed using the same antibody clone with 88328-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 88328-1-RR (ASC/TMS1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88328-1-PBS in a different storage buffer formulation.