For Research Use Only

ASC/TMS1 Monoclonal antibody

Catalog Number:67494-1-Ig 29 Publications

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Basic Information

Catalog Number:
67494-1-Ig

Size:
1000 ug/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG28424

GenBank Accession Number:
BC004470

GeneID (NCBI):
29108

UNIPROT ID:
Q9ULZ3

Full Name:
PYD and CARD domain containing

Calculated MW:
25 kDa

Observed MW:
22-25 kDa

Purification Method:
Protein A purification

CloneNo.:
2G12E6

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP

Species Specificity:
human

Cited Species:
human

Positive Controls:

WB : HL-60 cells, human placenta tissue, THP-1 cells, U-937 cells

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.

Notable Publications

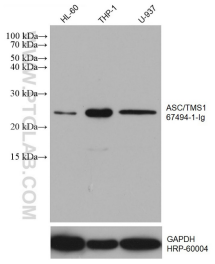
Author	Pubmed ID	Journal	Application
Jianyang Liu	34733914	Ann Transl Med	WB
Yiping Leng	32912629	Biochem Biophys Res Commun	WB
Yingchun Zhao	34663844	Sci Rep	WB

Storage

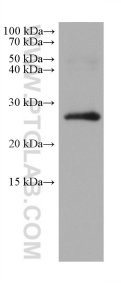
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.



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.