ASC/TMS1 Rabbit pAb

Catalog No.: A1170 120 Publications



Basic Information

Observed MW

15 kDa/19-25 kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes an adaptor protein that is composed of two protein-protein interaction domains: a N-terminal PYRIN-PAAD-DAPIN domain (PYD) and a C-terminal caspase-recruitment domain (CARD). The PYD and CARD domains are members of the six-helix bundle death domain-fold superfamily that mediates assembly of large signaling complexes in the inflammatory and apoptotic signaling pathways via the activation of caspase. In normal cells, this protein is localized to the cytoplasm; however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

IF/ICC	1:50 - 1:200
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

1:500 - 1:5000

Immunogen Information

Gene ID	Swiss Prot
29108	Q9ULZ3

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ASC; TMS; TMS1; CARD5; TMS-1; ASC/TMS1

Contact

WB

a	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

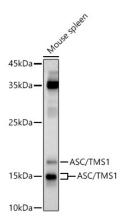
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from Mouse spleen, using ASC/TMS1 Rabbit pAb (A1170) at 1:1000 dilution

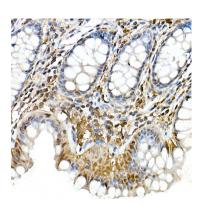
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

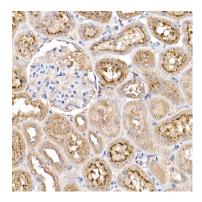
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

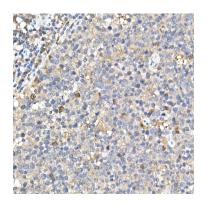
Exposure time: 60s.



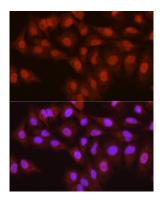
Immunohistochemistry analysis of paraffinembedded Human colon using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



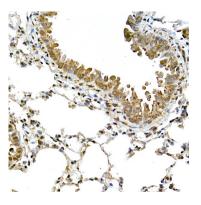
Immunohistochemistry analysis of paraffinembedded Rat kidney using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



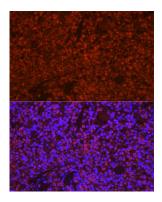
Immunohistochemistry analysis of paraffinembedded Human tonsil using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



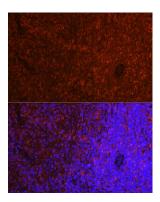
Immunofluorescence analysis of A-549 cells using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse lung using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffinembedded mouse spleen using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffinembedded rat spleen using ASC/TMS1 Rabbit pAb (A1170) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.