Product **Datasheet**

# Anti-TMS1/ASC Rabbit pAb

**WL02462**

For Research Use Only.Not For Use In Diagnostic Procedures

## Product Information

| | | |
|---|---|---|
| **Product name** | Anti-TMS1/ASC Rabbit pAb | |
| **Source** | Rabbit | |
| **Species reactivity** | Human, Mouse, Rat | |
| **Tested applications** | WB | 1:500-1:1000 |
| | IHC | 1:100-1:200 |
| | IF | 1:200 |
| **Cellular localization** | Cytoplasm, Endoplasmic reticulum, Golgi apparatus, Inflammasome, Membrane, Mitochondrion, Nucleus | |
| **Pack size** | 50/100/200/500/1000µl | |
| **Storage** | Store at -20°C. Avoid freeze/thaw cycles. | |
| **Storage buffer** | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide | |

## General Information

**Background**

ASC (apoptosis-associated speck-like protein containing a CARD, also known as TMS1or PYCARD) is a member of the CARD-containing adaptor protein family. The TMS1 gene was originally found to be aberrantly methylated and silenced in breast cancer cells, and has since been found to be silenced in a number of other cancers, including ovarian cancer, glioblastoma, melanoma, gastric cancer, lung cancer, and prostate cancer. In normal cells, this protein is localized to the cytoplasm; however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TMS1/ASC.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.



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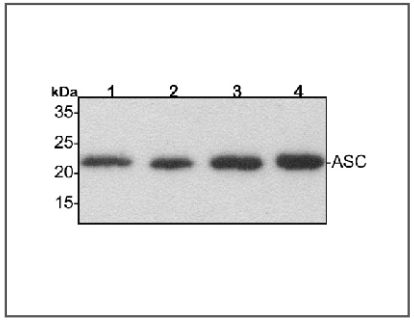
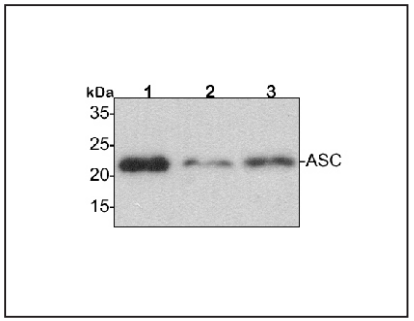
## Product Images



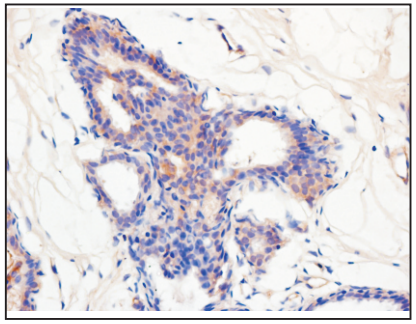

**Western blot-Anti-TMS1/ASC pAb**

**Lane 1:** Human HepG2 cell lysate
**Lane 2:** Human Hela cell lysate
**Lane 3:** Human BGC-823 cell lysate
**Lane 4:** Human MGC-803 cell lysate
**All lanes:** Anti-TMS1/ASC at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 25 kDa
Observed band size: 22-25 kDa




**Western blot-Anti-TMS1/ASC pAb**

**Lane 1:** Mouse kidney tissue lysate
**Lane 2:** Rat liver tissue lysate
**Lane 3:** Rat brain tissue lysate
**All lanes:** Anti-TMS1/ASC at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 25 kDa
Observed band size: 22-25 kDa



**Immunohistochemistry-Anti-TMS1/ASC pAb**

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-TMS1/ASC Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

*Wanleibio Co.,Ltd.* *400-602-0407* *sales@wanleibio.com* *www.wanleibio.com*

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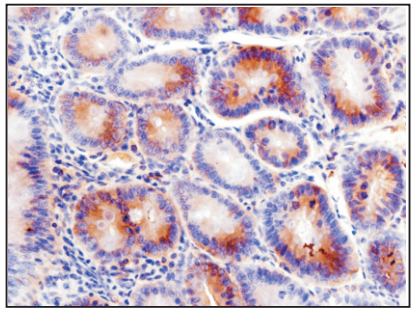
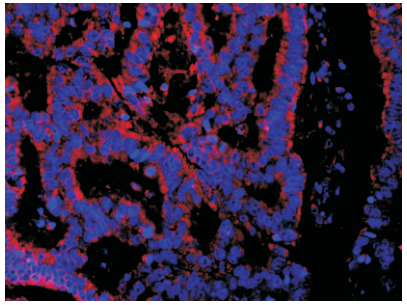


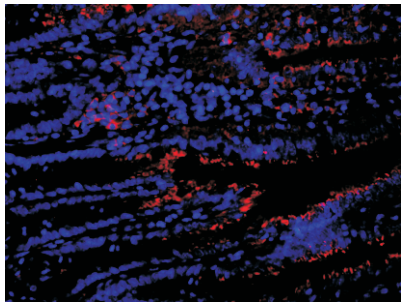
**Immunohistochemistry-Anti-TMS1/ASC pAb**

Immunohistochemical analysis of paraffin-embedded rat intestine (LPS treated) using anti-TMS1/ASC Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-TMS1/ASC pAb**

Immunofluorescence analysis of paraffin-embedded human rectal cancer using anti-TMS1/ASC Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-TMS1/ASC pAb**

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-TMS1/ASC Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



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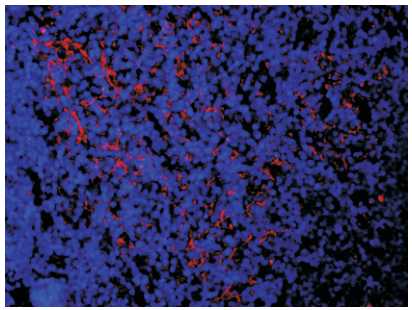

**Immunofluorescence-Anti-TMS1/ASC pAb**

Immunofluorescence analysis of paraffin-embedded rat thymus using anti-TMS1/ASC Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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