

#### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

# **US Office**

#### Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

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# EB05291-T - Goat Anti-ASC / TMS1 Antibody - Trial

Size: 20µg specific antibody in 40µl

# **Target Protein**

Principal Names: PYCARD, ASC, TMS1, PYD and CARD domain containing, CARD5, MGC10332, TMS, apoptosis-associated speck-like protein containing a CARD, caspase recruitment domain protein 5, target of methylation-induced silencing-1, TMS-1 Official Symbol: PYCARD Accession Number(s): NP\_037390.2; NP\_660183.1 Human GenelD(s): 29108

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_037390.2 and NP\_660183.1).

#### Immunogen

Peptide with sequence C-RESQSYLVEDLERS, from the C Terminus of the protein sequence according to NP\_037390.2; NP\_660183.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 19kDa band observed in lysates of cell line HeLa (calculated MW of 20.0kDa according to NP\_660183.1). Recommended concentration: 0.2-0.6µg/ml.
Primary incubation was 1 hour.
IHC: In paraffin embedded Human Liver shows staining of sinusoidal lining cells.
Recommended concentration: 4-6µg/ml.

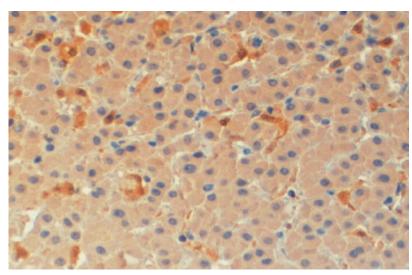
#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
25kDa
20kDa

15kDa

 $\mathsf{EB05291} \ (0.2 \mu g/ml) \ \text{staining of HeLa lysate (35 \mu g \ protein \ in \ RIPA \ buffer). \ Detected \ by \ chemiluminescence.}$ 



EB05291 (4µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.