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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.

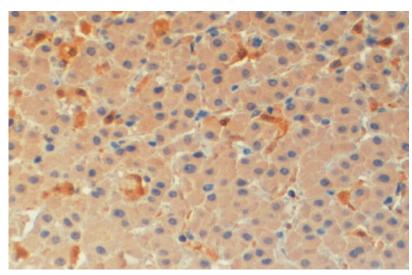
Species Reactivity

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.