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Research Use Only. Not for diagnostic or therapeutic use.

EB05291 - Goat Anti-ASC / TMS1 Antibody

Size: 100µg specific antibody in 200µl



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 GeneID(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.

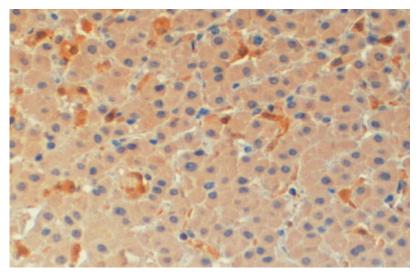
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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



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