

Goat anti-ASC / TMS1 Antibody

Catalog No: tcva05291



Available Sizes

Size: 100µg



Specifications

Application:

Pep-ELISA, WB, IHC

Research Area:

adaptor protein; inflammation; apoptosis; cancer; disease; immunology; CARD; apoptosis

Species Reactivity:

Human

Host Species:

Goat

Immunogen / Amino acids:

C-RESQSYLVEDLERS

Conjugation:

Unconjugated

Form:

Liquid

Storage Buffer:

Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration:

0.5 mg/ml in 200 µl

Recommended Dilution:

Western Blot: Approx. 24kDa band observed in lysates of cell line U937 (calculated MW of 21.6kDa according to NP_037390.2). Recommended for use at 1-3µg/ml. Peptide ELISA: antibody detection limit dilution 1:32000.

Amino Acid Sequence:

NP_037390.2; NP_660183.1

Storage Instruction:

Aliquot store at -20C. Avoid freeze / thaw cycles.

Alternative 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

Gene ID:

29108 (human);

Reference Sequence No.:

NP_037390.2; NP_660183.1

Calculated Molecular Weight:

21.6; 20.0

Purification:

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

DS Gene Ontology Terms:

caspase activation; caspase activator activity; cytoplasm; induction of apoptosis; negative regulation of cell cycle; protein binding; regulation of apoptosis; signal transduction;

Positive Control:

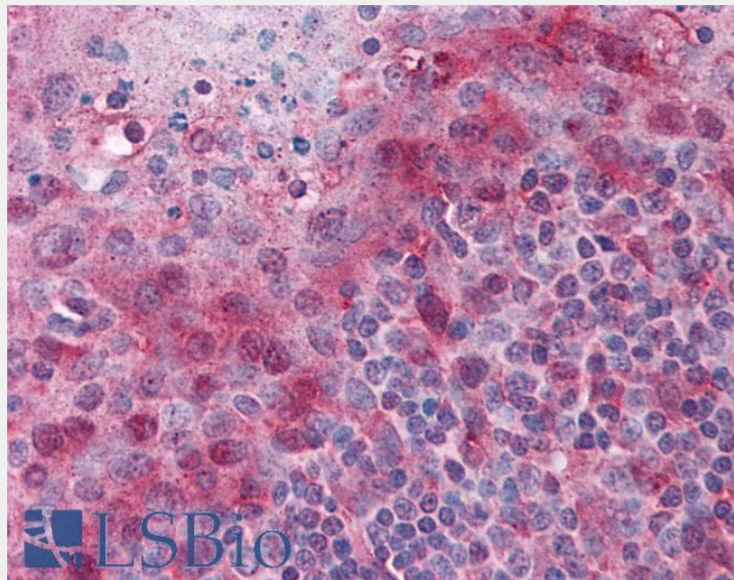
tcva05291p

Notes

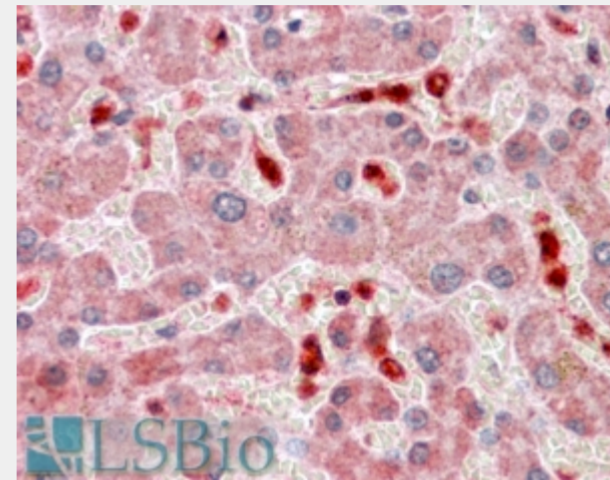
This antibody is expected to recognise both reported isoforms (NP_037390.2 and NP_660183.1).

Product Description

This antibody is expected to recognise both reported isoforms (NP_037390.2 and NP_660183.1).



EB05291 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05291 (2.5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05291 (2µg/ml) staining of U937 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Biotinylated EB05291 (3µg/ml) staining of U937 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a s

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