



## Goat anti-ASC / TMS1 Antibody

<b>Item Number</b>	dAP-0394
<b>Target Molecule</b>	Principle Name: ASC / TMS1; Official Symbol: PYCARD; All Names and Symbols: 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; Accession Number (s): NP_037390.2; NP_660183.1; Human Gene ID(s): 29108; Non-Human GeneID (s):
<b>Immunogen</b>	RESQSYLVEDLERS, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_037390.2 and NP_660183.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Liver shows staining of sinusoidal lining cells. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.
<b>Reference</b>	Reference(s): Ohtsuka T, Ryu H, Minamishima YA, Macip S, Sagara J, Nakayama KI, Aaronson SA, Lee SW. ASC is a Bax adaptor and regulates the p53-Bax mitochondrial apoptosis pathway. Nat Cell Biol. 2004 Feb;6(2):121-8.PMID: 14730312->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**