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Research Use Only. Not for diagnostic or therapeutic use.

EB05291-B - Goat Anti-ASC / TMS1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PYCARD, PYD and CARD domain containing, ASC, CARD5, TMS,

TMS-1, TMS1, caspase recruitment domain-containing protein 5, target of

methylation-induced silencing 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 CRESQSYLVEDLERS., 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

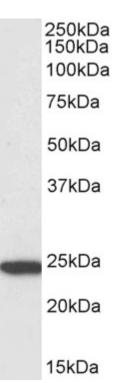
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 24kDa band observed in lysates of cell line U937 (calculated MW of 21.6kDa according to NP_037390.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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 substitute for skimmed milk.