BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TMS1/ASC/Pycard Antibody Picoband® Biotin Conjugated

Catalog Number: A00362-4-Biotin

About Pycard

PYCARD, often referred to as ASC (Apoptosis-associated speck-like protein containing a CARD), is a protein that in humans is encoded by the PYCARD gene. This gene encodes an adaptor protein that is composed of two protein-protein interaction domains: a N-terminal PYRIN-PAAD-DAPIN domain (PYD) and a C-terminal caspase-recruitment domain (CARD). The PYD and CARD domains are members of the six-helix bundle death domain-fold superfamily that mediates assembly of large signaling complexes in the inflammatory and apoptotic signaling pathways via the activation of caspase. In normal cells, this protein is localized to the cytoplasm; however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery. Two transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-TMS1/ASC/Pycard Antibody Picoband® Biotin Conjugated
Reactive Species	Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9EPB4

Technical Details

Immunogen	E.coli-derived mouse TMS1/ASC/PYCARD recombinant protein (Position: R3-S193).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by

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1 Publications Citing This Product

1. PubMed ID: 38851101, Xue-Xue Zhu, Xin-Yu Meng, Ao-yuan Zhang, Chen-Yang Zhao, Chang Chang, Tian-Xiao Chen, Yan- Bo Huang, Jin-Peng Xu, Xiao Fu, Wei-Wei Cai, Bao Hou, Bin Du, Guan-Li Zheng, Ji-Ru Zhang, Qing- Bo Lu, Ning Bai, Zhi-Jun Han, Neng Bao, Li-Ying Qiu, Hai-Jian Sun 2024-05-31 10.1016/j.phymed.2024.155771 Vaccarin alleviates septic cardiomyopathy by potentiating NLRP3 palmitoylation and inactivation

Visit bosterbio.com/anti-tms1-asc-pycard-picoband-trade-antibody-a00362-4-boster.html to see all 1 publications.

Anti-TMS1/ASC/Pycard Antibody - Biotin

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