

PYCARD rabbit monoclonal antibody

Catalog # H00029108-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PYCARD peptide using ARM Technology.
Immunogen	A synthetic peptide of human PYCARD is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PYCARD peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PYCARD

Entrez GeneID	29108
GeneBank Accession#	PYCARD
Gene Name	PYCARD
Gene Alias	ASC, CARD5, MGC10332, TMS, TMS-1, TMS1
Gene Description	PYD and CARD domain containing
Omim ID	606838
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	apoptosis-associated speck-like protein containing a CARD caspase recruitment domain protein 5 target of methylation-induced silencing-1

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)