



Anti-PYCARD monoclonal antibody, clone 3B8 (DCABH-1972)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to TMS1
Antigen Description	Promotes caspase-mediated apoptosis. This proapoptotic activity is mediated predominantly through the activation of caspase-9. May be a component of the inflammasome, a protein complex which also includes NALP2, CARD8 and CASP1 and whose function would be the activation of proinflammatory caspases.
Immunogen	Recombinant full length Human TMS1 produced in E.coli (NP_037390).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3B8
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt
Positive Control	HEK293T cells transfected with pCMV6-ENTRY TMS1; A549 and MCF7 cell extracts; Human colon, pancreas carcinoma and tonsil tissues.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

Storage store at -20°C. Avoid repeated freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [PYCARD PYD and CARD domain containing \[Homo sapiens \]](#)

Official Symbol PYCARD

Synonyms PYCARD; PYD and CARD domain containing; apoptosis-associated speck-like protein containing a CARD; ASC; CARD5; TMS 1; target of methylation-induced silencing 1; caspase recruitment domain-containing protein 5; TMS; TMS1; TMS-1; MGC10332;

Entrez Gene ID [29108](#)

Protein Refseq [NP_037390](#)

UniProt ID [Q9ULZ3](#)

Chromosome Location 16p11.2

Pathway Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;

Function Pyrin domain binding; cysteine-type endopeptidase activator activity involved in apoptotic process; cysteine-type endopeptidase activity; protein binding; protein homodimerization activity;