

Product datasheet for **TA306044**

TMS1 (PYCARD) Rabbit Polyclonal Antibody

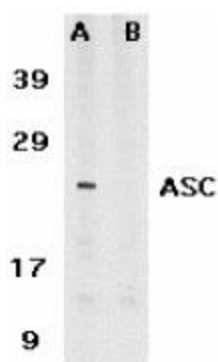
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ASC antibody was raised against a synthetic peptide corresponding to amino acids 182 to 195 of human ASC .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	PYD and CARD domain containing
Database Link:	BAA87339 Entrez Gene 29108 Human Q9ULZ3
Background:	Apoptosis is regulated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include RAIDD, RICK, BCL10, Apaf-1, ARC, caspase-9, and caspase-2. A novel CARD domain containing protein was recently identified in human and mouse and designated ASC and TMS1 (1-3). Ectopic expression of ASC/TMS1 induced apoptosis through activation of caspase-9 and inhibited the survival of human breast cancer cells (3,4). Overexpression of ASC/TMS1 induced DNA fragmentation (4). ASC/TMS1 is expressed in a variety of human and mouse tissues (1, 2)
Synonyms:	ASC; CARD5; TMS; TMS-1; TMS1

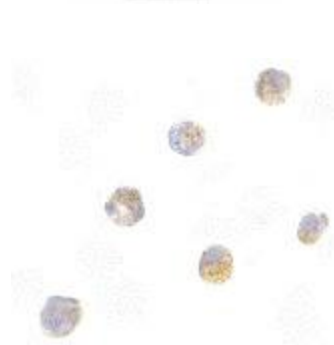


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Product images:



Western blot analysis of ASC in HL60 whole cell lysate in the absence (A) or presence (B) of blocking peptide (2287P) with ASC antibody at 1 ug /ml.



Immunocytochemistry of ASC in HL60 cells with ASC antibody at 5 ug/mL.