

Datasheet for ABIN1105662
anti-PYCARD antibody



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2 Images

Overview

Quantity:	0.1 mg
Target:	PYCARD
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PYCARD antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Triton X-100 insoluble fraction of retinoic acid-treated HL-60 cells
Clone:	23-04-14
Isotype:	IgG1
Specificity:	This antibody reacts with human ASC of U937, and HL-60, but not with Jurkat, HeLa, NB4, or HPB-ALL. It does not react with mouse NIH/3T3, L5178Y, or WR19L. It does not react with rat PC12.
Purification:	Protein A agarose

Target Details

Target:	PYCARD
Alternative Name:	CARD5 / PYCARD / ASC (PYCARD Products)

Target Details

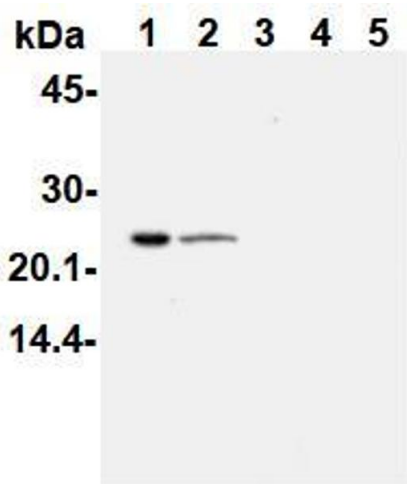
Background:	ASC (apoptosis-associated speck-like protein containing a CARD (caspase recruitment domain)) is a 22 kDa soluble protein, located in the cytosol of HL-60 cells. In apoptotic HL-60 cells, it is able to visualized as a speck, forming an insoluble aggregate. The C-terminal domain of this protein contains a CARD, suggesting that ASC may have proapoptotic activity in HL-60 cells. Recent data have indicated that ASC plays a role of adaptor protein linking various PAAD (Pyrin, AIM, ASC, and death domain-like) family proteins to pathways involved in NF-κB and procaspase-1 activation.Synonyms: Caspase recruitment domain-containing protein 5, PYD and CARD domain-containing protein, TMS1, Target of methylation-induced silencing 1, popptosis-associated speck-like protein containing a CARD
Molecular Weight:	22 kDa
Gene ID:	29108
NCBI Accession:	NP_037390
UniProt:	Q9ULZ3
Pathways:	Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Regulation of Actin Filament Polymerization , Positive Regulation of Endopeptidase Activity , Activated T Cell Proliferation , Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

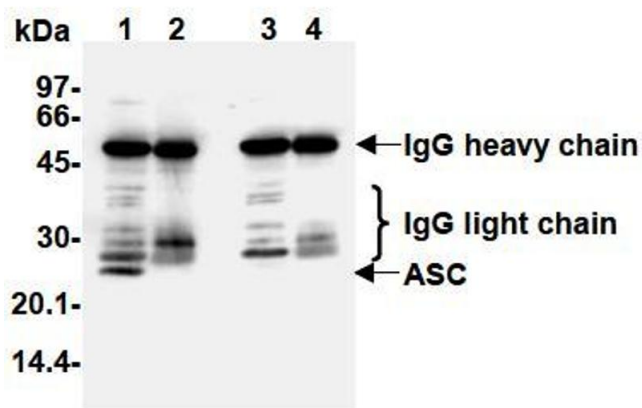
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store (in aliquots) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.