



# NLRP1 mouse mAb

<b>Catalog No</b>	BYmab-17860
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	NLRP1 CARD7 DEFCAP KIAA0926 NAC NALP1
<b>Protein Name</b>	NACHT, LRR and PYD domains-containing protein 1 (Caspase recruitment domain-containing protein 7) (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase
<b>Immunogen</b>	Synthesized peptide derived from human NLRP1
<b>Specificity</b>	This antibody detects endogenous levels of NLRP1 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	162kD
<b>Cell Pathway</b>	Cytoplasm, cytosol . Cytoplasm . Nucleus . Nucleocytoplasmic distribution in lymphoid organs (probably in T-cells) and in neurons. In epithelial cells, predominantly cytoplasmic. .; [NACHT, LRR and PYD domains-containing protein 1, C-terminus]: Inflammasome .
<b>Tissue Specificity</b>	
<b>Function</b>	Acts as the sensor component of the NLRP1 inflammasome, which mediates inflammasome activation in response to various pathogen-associated signals, leading to subsequent pyroptosis . Inflammasomes are supramolecular complexes that assemble in the cytosol in response to pathogens and other damage-associated signals and play critical roles in innate immunity and inflammation . Acts as a recognition receptor (PRR): recognizes specific pathogens and other damage-associated signals, such as cleavage by human rhinoviruses 14 and 16 (HRV-14 and HRV-16), double-stranded RNA or

**Nanjing BYabscience technology Co.,Ltd**



Val-boroPro inhibitor, and mediates the formation of the inflammasome polymeric complex composed of NLRP1, CASP1 and PYCARD/ASC . In response to pathogen-associated signals, the N-terminal part of NLRP1 is degraded by the proteasome, releasing the cleaved C-terminal part of the protein (NACHT, LRR and PYD domains-contains)

#### Background

#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images