



# SARM1 Monoclonal Antibody

<b>Catalog No</b>	BYmab-07342
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SARM1 KIAA0524 SAMD2 SARM
<b>Protein Name</b>	Sterile alpha and TIR motif-containing protein 1 (Sterile alpha and Armadillo repeat protein) (Sterile alpha motif domain-containing protein 2) (SAM domain-containing protein 2) (Tir-1 homolog)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 281-330
<b>Specificity</b>	SARM1 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 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>	79kD
<b>Cell Pathway</b>	Cytoplasm . Cell projection, axon . Cell projection, dendrite . Cell junction, synapse . Mitochondrion . Associated with microtubules. .
<b>Tissue Specificity</b>	Predominantly expressed in brain, kidney and liver. Expressed at lower level in placenta.
<b>Function</b>	caution:Was initially reported to contain ARM repeats (PubMed:11386760). Such repeats are however not predicted by any detection method.,function:Involved in innate immune response. Acts as a negative regulator of TICAM1/TRIF-dependent Toll-like receptor signaling by inhibiting induction of TLR3- and TLR4-dependent genes. Specifically blocks TICAM1/TRIF-dependent transcription-factor activation and gene induction, without affecting the MYD88-dependent pathway or non-TLR signaling. Negative regulator of NF-kappa-B and IRF activation.,similarity:Contains 1 TIR domain.,similarity:Contains 2 SAM (sterile alpha motif) domains.,subunit:Interacts with TICAM1/TRIF and thereby interferes with TICAM1/TRIF function.,tissue

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#### Background

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#### 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

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658