



SARM1 Monoclonal Antibody

Catalog No	YP-mAb-07342
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SARM1 KIAA0524 SAMD2 SARM
Protein Name	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)
Immunogen	Synthesized peptide derived from human protein . at AA range: 281-330
Specificity	SARM1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	79kD
Cell Pathway	Cytoplasm . Cell projection, axon . Cell projection, dendrite . Cell junction, synapse . Mitochondrion . Associated with microtubules. .
Tissue Specificity	Predominantly expressed in brain, kidney and liver. Expressed at lower level in placenta.
Function	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 specificity:Predominantly expressed in kidney and liver. Expressed at lower level in placenta.,

**Background**

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.,subunit:Interacts with TICAM1/TRIF and thereby interferes with TICAM1/TRIF function.,tissue specificity:Predominantly expressed in kidney and liver. Expressed at lower level in placenta.,

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