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# Product datasheet for AM08374PU-N

## SARM (SARM1) (93-292) Mouse Monoclonal Antibody [Clone ID: Sarmy-1]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | Sarmy-1 |
| **Applications:** | IHC, IP |
| **Recommended Dilution:** | **Immunohistochemistry on Paraffin Sections:** 10 µg/ml.<br>**Immunoprecipitation:** 1/200. |
| **Reactivity:** | Human |
| **Host:** | Mouse |
| **Isotype:** | IgG2b |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Recombinant human SARM (aa 93-292) |
| **Specificity:** | This antibody recognizes human SARM. |
| **Formulation:** | PBS containing 10% Glycerol and 0.02% Sodium Azide as preservative<br>State: Purified<br>State: Liquid purified Ig fraction |
| **Concentration:** | lot specific |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **Gene Name:** | sterile alpha and TIR motif containing 1 |
| **Database Link:** | Entrez Gene 23098 Human<br>Q6SZW1 |

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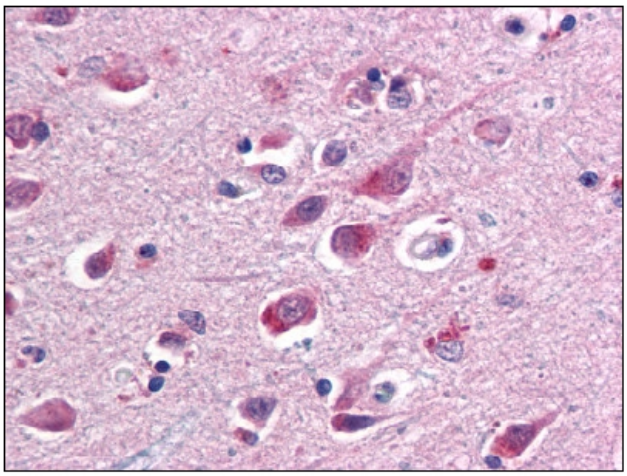
**Background:** Toll-like receptors (TLRs) play an essential role in the detection and elimination of invading microbes. They are type-1 transmembrane receptors, containing extracellular leucine rich repeats and an intracellular Toll/interleukin-1 receptor (TIR) domain. Upon stimulation, these receptors interact with specific TIR domain-containing adaptor proteins. Five such adaptors have been discovered to date, MyD88, Mal (MyD88 adaptor-like)/TIRAP (TIR domain-containing adaptor protein), Trif (TIR-domain-containing adaptor inducing interferon-beta), TRAM (Trif-related adaptor molecule) and SARM (SAM and ARM-containing protein). Different TLRs use different combinations of these adaptors, leading to the activation of common and unique pathways involved in the elimination of the invading microbe.

**Synonyms:** SARM, SAMD2, KIAA0524

## Product images:



Formalin-Fixed Paraffin-Embedded Human Brain, Cortex stained with SARM1 antibody. at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.