

## Datasheet

### SIRPA MaxPab mouse polyclonal antibody (B01)

**Catalog Number:** H00140885-B01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human SIRPA protein.

**Immunogen:** SIRPA (AAH33092.1, 1 a.a. ~ 508 a.a) full-length human protein.

**Sequence:**

MEPAGPAPGRLGPLLCLLLAASCAWSGVAGEEELQVI  
QPDKSVLVAAGETATLRCTATSLIPVGPIQWFRGAGP  
GRELIYNQKEGHFPRVTTVSDLTKRNNMDFSIRIGNITP  
ADAGTYCYCVKFRKGSPPDDVEFKSGAGTELSVRAKPSA  
PVVSGPAARATPQHTVSFTCESHGFSRDLTKWFKN  
GNELSDFTQNVDPVGESVSYSHSTAKVVLTRDVDHS  
QVICEVAHVTLQGDPLRGATNLSETIRVPPTLEVTQQP  
VRAENQVNVTCQVRKFYPQRLQLTWLENGNVSRTET  
ASTVTENKDGTYNWMSWLLVNVSAHRDDVKLTCQVE  
HDGQPAVSKSHDLKVSAPKPEQGSNTAAENTGSNER  
NIYVVGVVCTLLVALLMAALYLVRIRQKKAQGSTSSTR  
LHEPEKNAREITQVQSLDTNDITYADLNLPKGKKPAPQ  
AAEPNNHTEYASIQTSPPASEDTLTYADLDMVHLNR  
TPKQPAPKPEPSFSEYASVQVPRK

**Host:** Mouse

**Reactivity:** Human

**Applications:** WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 140885

**Gene Symbol:** SIRPA

**Gene Alias:** BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalpha, SIRPalpha2

**Gene Summary:** The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene. [provided by RefSeq]