

Datasheet

SIRPA monoclonal antibody (M01), clone 1D10

Catalog Number: H00140885-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant SIRPA.

Clone Name: 1D10

Immunogen: SIRPA (AAH26692, 28 a.a. ~ 507 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

VAGEEELQVIQPKSVSVAAGESAILHCTVTSLIPVGPI
QWFRGAGPARELIYNQKEGHFPRVTTVSESTKRENM
DFSISINITPADAGTYCYVKFRKGSPDTEFKSGAGTEL
SVRAKPSAPVVSGPAARATPQHTVSFTCESHGFSRPRD
ITLKWFKNGNELSDFQTNVDPVGESVSYSIHSTAKVVL
TREDVHSQVICEVAHVTLQGDPLRGTTANLSETIRVPPT
LEVTTQQPVRAENQVNVTCQVRKFYPQRLQLTWLENG
NVSRTETASTVTENKDGTYNWMWLLVNVSAHRDDV
KLTCQVEHDGQPAVSKSHDLKVSAPKPEQGSNTAAE
NTGSNERNIYIVVGVTLLVALLMAALYLVRIRQKKAQ
GSTSSTRLHEPEKNAREITQVQSLDTNDITYADLNLPK
GKKPAPQAAEPNNHTEYASIQTSPPASEDTLTLYADL
DMVHLNRTPKQPAPKPEPSFSEYASVQVPRK

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Ce, WB-Re
(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

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

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]