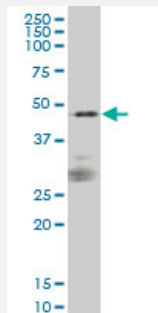


SIRPA monoclonal antibody (M01A), clone 1D10

Catalog # H00140885-M01A

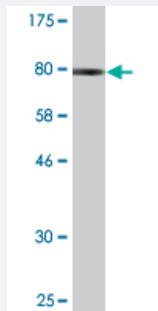
Size 200 uL

Applications



Western Blot (Cell lysate)

SIRPA monoclonal antibody (M01A), clone 1D10 Western Blot analysis of SIRPA expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (78.54 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant SIRPA.

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

VAGEEELQVIQPDKSVSVAAGESAILHCTVTSLIPVGPIQWFRGAGPARELYNQKEGHFPRVTTV
SESTKRENMDFSISISNITPADAGTYICVKFRKGSPDTEFKSGAGTELSVRAKPSAPVVSGPAAR
ATPQHTVSFTCESHGFSPRDITLKWFKNELSDFTQNVDPVGESVSYIHSTAKVVLTRDVDHS
QVICEVAHVTLQGDPLRGATANLSETIRVPPTLEVTQQPVRAENQVNVTCQVRKFYPQRLQLTWLE
NGNVSRTEASTVTENKDGTYNWMWLLVNVSAHRDDVKLTCQVEHDGQPAVSKSHDLKVSAN
PKEQGSNTAAENTGSNERNIYVGVVCTLLVALLMAALYLVRIRQKKAQGSTSSTRLHEPEKNAR
EITQVQSLDTNDITYADLNLPKGKKPAPQAAEPNNHTEYASIQTSPPASEDTLYADLDMVHLNR
TPKQPAPKPEPSFSEYASVQVPRK

Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.54 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SIRPA monoclonal antibody (M01A), clone 1D10 Western Blot analysis of SIRPA expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SIRPA

Entrez GeneID	140885
GeneBank Accession#	BC026692
Protein Accession#	AAH26692
Gene Name	SIRPA
Gene Alias	BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalpha , SIRPalpha2
Gene Description	signal-regulatory protein alpha
Omim ID	602461
Gene Ontology	Hyperlink

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 phosphotyrosine 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]

Other Designations

OTTHUMP00000030001|SHP substrate-1|brain-immunoglobulin-like molecule with tyrosine-based activation motifs|macrophage fusion receptor|myd-1 antigen|protein tyrosine phosphatase, non-receptor type substrate 1|signal regulatory protein, alpha type 1|signal