

SIRPA recombinant antibody

SIRPA Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279059	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SIRPA; Monoclonal Recombinant Antibody; SIRPA Recombinant Monoclonal Antibody; Tyrosine-protein phosphatase non-receptor type substrate 1 (SHP substrate 1)(SHPS-1)(Brain Ig-like molecule with tyrosine-based activation motifs)(Bit)(CD172 antigen-like family member A)(Inhibitory receptor SHPS-1)(Macrophage fusion receptor)(MyD-1 antigen)(Signal-regulatory protein alpha-1)(Sirp-alpha-1)(Signal-regulatory protein alpha-2)(Sirp-alpha-2)(Signal-regulatory protein alpha-3)(Sirp-alpha-3)(p84)(CD antigen CD172a); BIT MFR MYD1 PTPNS1 SHPS1 SIRP; SIRPA recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	3C3
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for SIRPA recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human SIRPA
Conjugation	Non-conjugated
Research Area	Neuroscience; Cardiovascular; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing U937 cells stained with AAA279059 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?. Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)

IHC image of AAA279059 diluted at 1:50 and staining in paraffin-embedded human rectal cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.13% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279059 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.13% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91105764
NCBI GeneID	140885
NCBI Accession #	NP_001035111.1
NCBI GenBank Nucleotide #	NM_001040022.1
UniProt Accession #	P78324; O00683; O43799; Q8N517; Q8TAL8; Q9H0Z2; Q9UDX2; Q9UIJ6; Q9Y4U9; A2A2E1; A8K411; B2R6C3
Molecular Weight	54,967 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1
NCBI Official Synonym Full Names	signal-regulatory protein alpha
NCBI Official Symbol	SIRPA
NCBI Official Synonym Symbols	BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type substrate 1; myd-1 antigen; inhibitory receptor SHPS-1; macrophage fusion receptor; CD172 antigen-like family member A; tyrosine phosphatase SHP substrate 1; brain-immunoglobulin-like molecule with tyrosine-b
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type substrate 1
UniProt Gene Name	SIRPA
UniProt Synonym Gene Names	BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP; SHP substrate 1; SHPS-1; Bit; Sirp-alpha-1; Sirp-alpha-2
UniProt Entry Name	SHPS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sirpa-recombinant-antibody-clone-3c3-flow-cytometry-immunohistochemistry-elisa/279059>