

Mouse anti-Human, Mouse SHC1 Monoclonal Antibody | anti-SHC1 antibody

SHC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312028	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

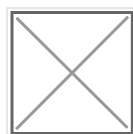
PRODUCT SYNONYMS

SHC1; Monoclonal Antibody; SHC1 Antibody; FLJ26504 antibody; p66 antibody; p66SHC antibody; SH2 domain protein C1 antibody; SHC (Src homology 2 domain containing) transforming protein 1 antibody; SHC 1 antibody; SHC A antibody; SHC adaptor protein 1 antibody; Shc antibody; SHC transforming protein 1 antibody; SHC transforming protein antibody; SHC-transforming protein 1 antibody; SHC-transforming protein 3 antibody; SHC-transforming protein A antibody; SHC1 antibody; SHC1_HUMAN antibody; SHCA antibody; Src homology 2 domain-containing-transforming protein C1 antibody; anti-SHC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	7C-7F
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Sequence Length	583
Applicable Applications for anti-SHC1 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



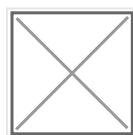
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NIH/3T3 cells with SHC1 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



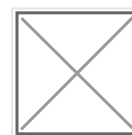
ICC (Immunocytochemistry)

ICC staining SHC1 (green) and Actin filaments (red) in A431 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of SHC1 on NIH/3T3 cell lysate using anti-SHC1 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of SHC1 on HEK293 (1) and SHC1-hlgGfc transfected HEK293 (2) cell lysate using anti-SHC1 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of SHC1 on human SHC1 recombinant protein using anti-SHC1 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SHC1 antibody	Growth factor triggering of protein tyrosine kinase receptors induces signals that cascade to the nucleus activating mitogenic, as well as other, responses. Critical components of this process include adapter proteins such as Shc and IRS-1 that lack detectable catalytic activity. These are immediate substrates of receptor tyrosine kinase activity and serve to physically link activated receptors to downstream signaling components. Whereas Shc has been implicated in signaling by diverse receptor families, IRS-1 serves primarily as the major insulin receptor substrate (4-7). Shc also participates in insulin signaling by linking the insulin receptor to Ras by forming complexes with the adapter protein GRB2 and Sos independently of IRS-1. A protein immunologically related to IRS-1, originally designated 4PS and now known as IRS-2, was shown to become highly tyrosine phosphorylated in response to IL-4 or IGF-1 in cells lacking IRS-1. An additional member of this family of signaling intermediates, Shb, is a SH2-containing protein with characteristic proline-rich domains.
Product Categories/Family for anti-SHC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	182676455
NCBI GeneID	6464
UniProt Accession #	P29353?; P29353
Molecular Weight	63kDa
NCBI Official Full Name	SHC-transforming protein 1
NCBI Official Synonym Full Names	SHC adaptor protein 1
NCBI Official Symbol	SHC1
NCBI Official Synonym Symbols	SHC; SHCA
NCBI Protein Information	SHC-transforming protein 1

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/shc1-antibody-clone-7c-7f-flow-cytometry-immunocytochemistry-western-blot-elisa/312028>