



Mouse anti-Mouse ShcC monoclonal antibody, clone 34/TidD (CABT-B9319)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Mouse ShcC aa. 239-374
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Human, Mouse
Clone	34/TidD
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IHC
Format	Liquid
Concentration	250 µg/ml
Size	50 µg, 150 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	Mammalian ShcA is expressed as three proteins of 46 kDa, 52 kDa, and 66 kDa. Each protein
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contains a C-terminal SH2 domain, a central glycine/proline rich sequence, and an N-terminal phosphotyrosine-binding domain (PTB). All three Shc proteins become tyrosine phosphorylated by activated growth factor receptors and oncogene tyrosine kinases. Two additional murine genes with Shc homology have been identified and named ShcB and ShcC. The ShcC gene encodes a protein of 475 amino acids and mobility of 55 kDa. Additional immunoreactive proteins have been observed with apparent molecular weights of 69 kDa and 100 kDa. These could be due to extended 5' sequences in the ShcC gene. In contrast to widely distributed ShcA proteins, expression of ShcC is restricted to the nervous system and spleen.

Keywords	SHC3; SHC (Src homology 2 domain containing) transforming protein 3; RAI; NSHC; SHCC; N-Shc; SHC-transforming protein 3; protein Rai; neuronal Shc; SH2 domain protein C3; SHC-transforming protein C; src homology 2 domain-containing transforming protein C3; src homology 2 domain-containing-transforming protein C3;
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GENE INFORMATION

Entrez Gene ID	53358
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UniProt ID	Q92529
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