

Product Name: KD-Validated SH3GL1 Mouse Monoclonal Antibody**Catalog #: KVA00440**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 41.5kDa

Antigen Information

Gene Name	SH3GL1
Alternative Names	SH3GL1; SH3 Domain Containing GRB2 Like 1, Endophilin A2; SH3D2B; CNSA1; EEN; SH3P8; Extra Eleven-Nineteen Leukemia Fusion Gene Protein; SH3 Domain-Containing GRB2-Like Protein 1; SH3-Containing Grb-2-Like 1 Protein; Extra 11-19 Leukemia Fusion; EEN Fusion Partner Of MLL; SH3-Domain GRB2-Like 1; SH3 Domain Protein 2B; Endophilin-A2; Endophilin-2; MGC111371; SH3 Domain Containing GRB2 Like 1; SH3-Containing Protein EEN; SH3 Domain GRB2-Like 1; Fusion Partner Of MLL; Endophilin A2
Gene ID	6455.0
SwissProt ID	Q99961
Immunogen	Recombinant protein of human SH3GL1

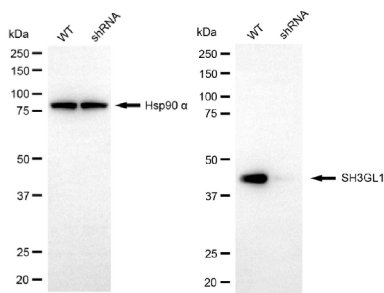
Background

This gene encodes a member of the endophilin family of Src homology 3 domain-containing proteins. The encoded protein is involved in endocytosis and may also play a role in the cell cycle. Overexpression of this gene may play a role in leukemogenesis, and the encoded protein has been implicated in acute myeloid leukemia as a fusion partner of the myeloid-lymphoid leukemia protein. Pseudogenes of this gene are located on the long arm of chromosomes 11 and 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

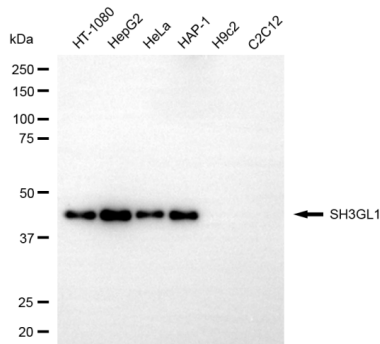
Research Area

Cancer

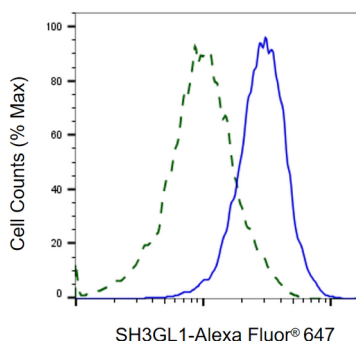
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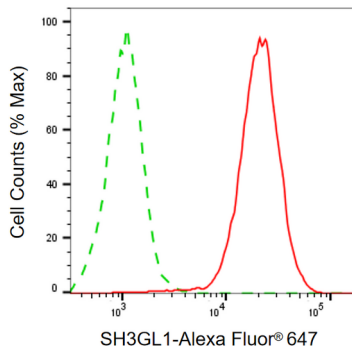
Western blotting analysis using SH3GL1 antibody (KVA00440). SH3GL1 expression in wild-type (WT) and SH3GL1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SH3GL1 antibody (KVA00440, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using SH3GL1 antibody (KVA00440). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SH3GL1 antibody (KVA00440, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Validation of SH3GL1 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with SH3GL1 antibody (KVA00440, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of SH3GL1 expression in HepG2 cells using SH3GL1 antibody (KVA00440, 1:1,000). Green, isotype control; red, SH3GL1.