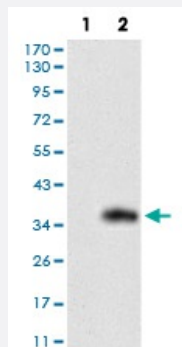


SLC27A2 monoclonal antibody, clone 6B3A9

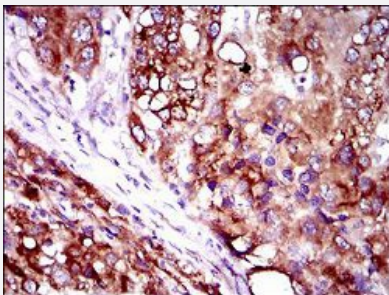
Catalog # MAB17766 Size 100 ug

Applications



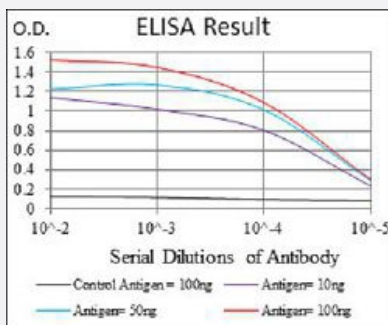
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) SLC27A2-hlgGfC transfected HEK293 cell lysate with SLC27A2 monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded liver cancer tissue with SLC27A2 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SLC27A2 monoclonal antibody, clone 6B3A9.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human SLC27A2.

Immunogen

Recombinant protein corresponding to amino acids 346-405 of human SLC27A2 from *E. coli*.

Host	Mouse
Theoretical MW (kDa)	70.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) SLC27A2-hlgGfc transfected HEK293 cell lysate with SLC27A2 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded liver cancer tissue with SLC27A2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SLC27A2 monoclonal antibody, clone 6B3A9.

Gene Info — SLC27A2

Entrez GeneID	11001
Gene Name	SLC27A2
Gene Alias	ACSVL1, FACVL1, FATP2, HsT17226, VLACS, VLCS, hFACVL1

Gene Description	solute carrier family 27 (fatty acid transporter), member 2
Omim ID	603247
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is an isozyme of long-chain fatty-acid-coenzyme A ligase family . Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme activates long-chain, branched-chain and very-long-chain fatty acids containing 22 or more carbons to their CoA derivatives. It is expressed primarily in liver and kidney, and is present in both endoplasmic reticulum and peroxisomes, but not in mitochondria. Its decreased peroxisomal enzyme activity is in part responsible for the biochemical pathology in X-linked adrenoleukodystrophy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq</p>
Other Designations	very long-chain fatty-acid-coenzyme A ligase 1 very-long-chain acyl-CoA synthetase

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer Disease](#)