

# SLC25A17 Monoclonal antibody

Catalog Number: 67635-1-Ig

## Basic Information

<b>Catalog Number:</b> 67635-1-Ig	<b>GenBank Accession Number:</b> BC012998	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10478	<b>CloneNo.:</b> 2D1D2
<b>Source:</b> Mouse	<b>Full Name:</b> solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 307 aa, 35 kDa	
<b>Immunogen Catalog Number:</b> AG24456	<b>Observed MW:</b> 35 kDa	

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

Human, Mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** MCF-7 cells, A549 cells, U2OS cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells

**IHC:** human liver cancer tissue, human liver tissue, mouse liver tissue

## Background Information

SLC25A17 (solute carrier family 25 member 17), is a kind of peroxisomal transporter for multiple cofactors such as CoA, FAD, FMN and AMP. It may catalyze the transport of free CoA, FAD and NAD<sup>+</sup> from the cytosol into the peroxisomal matrix by a counter-exchange mechanism. SLC25A17 is the only member of the mitochondrial carrier family localized to peroxisomal. (PMID: 22185573, 32266253)

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

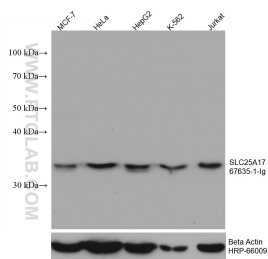
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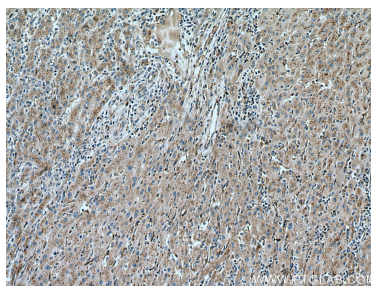
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67635-1-Ig (SLC25A17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67635-1-Ig (SLC25A17 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).