

For Research Use Only

# SLC25A1 Monoclonal antibody, PBS Only



Catalog Number: 66771-1-PBS

## Basic Information

Catalog Number:

66771-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG7520

GenBank Accession Number:

BC004980

GeneID (NCBI):

6576

UNIPROT ID:

P53007

Full Name:

solute carrier family 25  
(mitochondrial carrier; citrate  
transporter), member 1

Calculated MW:

34 kDa

Observed MW:

34 kDa

Purification Method:

Protein A purification

CloneNo.:

1F11A3

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

## Background Information

SLC25A1, also known as CIC or CTP, is a mitochondrial citrate transporter that exports citrate from the mitochondria to the cytosol. SLC25A1 is highly expressed in several tumor types. Recently it has been identified as a novel transcriptional target of mutant p53 and a negative tumor prognostic marker. In addition, defects in SLC25A1 has been found as a cause of combined D-2- and L-2-hydroxyglutaric aciduria. This antibody specifically recognized the endogenous SLC25A1; no protein was detected in cells from subjects containing two alleles with truncating mutations with this antibody. (24681808, 23561848)

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

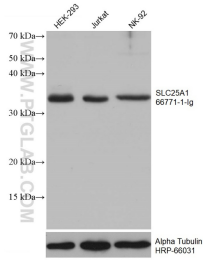
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

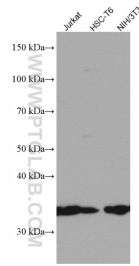
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66771-1-Ig (SLC25A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66771-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66771-1-Ig (SLC25A1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66771-1-PBS in a different storage buffer formulation.