

SDCCAG1 Monoclonal antibody

Catalog Number: 68708-1-Ig

Basic Information

Catalog Number:

68708-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2467

GenBank Accession Number:

BC020794

GeneID (NCBI):

9147

UNIPROT ID:

O60524

Full Name:

serologically defined colon cancer antigen 1

Calculated MW:

1076 aa, 123 kDa

Observed MW:

130-140 kDa

Purification Method:

Protein A purification

CloneNo.:

3C8A1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

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

Background Information

SDCCAG1, also named as NEMF, is a nuclear export mediator. It can be bound to translocon-engaged 60S subunits on native ER membranes. Human SDCCAG1 has been implicated in lung cancers and it may function as a tumor suppressor gene. SDCCAG1 inactivation contributes to the transformed state of human lung cancer cells (PMID:16103875, 10575219). NEMF is also regarded as a potential biomarker for the detection of active and latent TB infections (PMID: 26818387).

Storage

Storage:

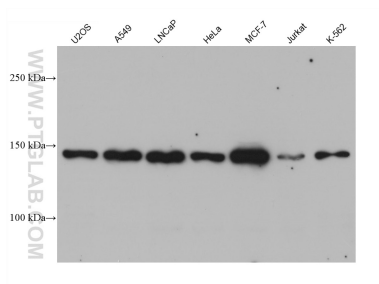
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68708-1-Ig (SDCCAG1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.