

For Research Use Only

# SDCCAG1 Monoclonal antibody

Catalog Number: 68708-1-Ig



## Basic Information

<b>Catalog Number:</b> 68708-1-Ig	<b>GenBank Accession Number:</b> BC020794	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9147	<b>CloneNo.:</b> 3C8A1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O60524	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> serologically defined colon cancer antigen 1	
<b>Immunogen Catalog Number:</b> AG2467	<b>Calculated MW:</b> 1076 aa, 123 kDa	
	<b>Observed MW:</b> 130-140 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, A549 cells, LNCaP cells, HeLa cells, MCF-7 cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> Human	

## 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

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

---

## 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.