

For Research Use Only

SMS Monoclonal antibody

Catalog Number: 68040-1-Ig



Basic Information

Catalog Number:

68040-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8840

GenBank Accession Number:

BC009898

GeneID (NCBI):

6611

UNIPROT ID:

P52788

Full Name:

spermine synthase

Calculated MW:

366 aa, 41 kDa

Observed MW:

41 kDa

Purification Method:

Protein A purification

CloneNo.:

1G8E9

Recommended Dilutions:

WB 1:5000-1:50000

IF 1:400-1:1600

Applications

Tested Applications:

FC, IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : A431 cells, HCT 116 cells, HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells

IF : HeLa cells,

Background Information

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

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

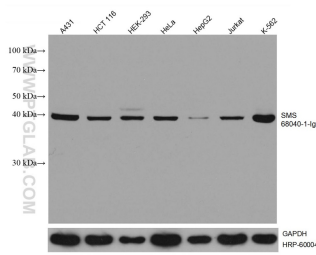
T: 4006900926

E: Proteintech-CN@ptglab.com

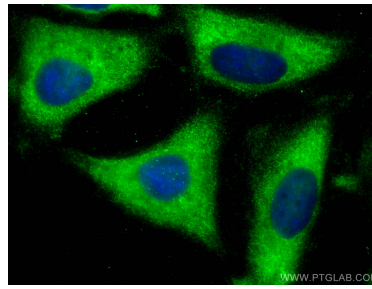
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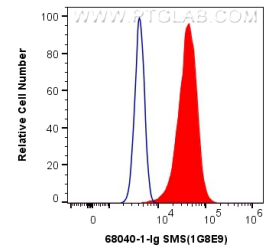
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 68040-1-Ig (SMS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SMS antibody (68040-1-Ig, Clone: 1G8E9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human SMS (68040-1-Ig, Clone:1G8E9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).