SK2 Antibody

Catalog No: #48406

Package Size: #48406-1 50ul #48406-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

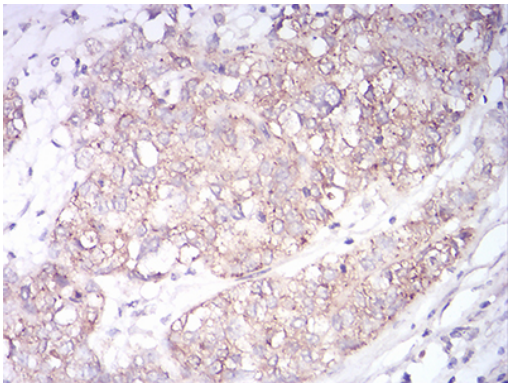
Description

Product Name	SK2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	E1-C5
Purification	ProA affinity purified
Applications	ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	3 prime phosphoadenosine 5 prime phosphosulfate synthase 2 antibody 3' phosphoadenosine 5' phosphosulfate synthase 2 antibody ATP sulfurylase/adenosine 5' phosphosulfate kinase antibody ATP SULFURYLASE/ADENOSINE 5-PRIME PHOSPHOSULFATE KINASE 2 antibody ATP sulfurylase/APS kinase 2 antibody ATPSK2 antibody Bifunctional 3' phosphoadenosine 5' phosphosulfate synthase 2 antibody Bifunctional 3' phosphoadenosine 5' phosphosulfate synthethase 2 antibody PAPS synthase 2 antibody PAPS synthetase 2 antibody PAPSS 2 antibody PHOSPHOADENOSINE-PHOSPHOSULFATE SYNTHETASE 2 antibody SK 2 antibody SK2 antibody Sulfurylase kinase 2 antibody
Accession No.	Swiss-Prot#:Q9NRA0
Uniprot	Q9NRA0
GeneID	56848;
Calculated MW	69 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

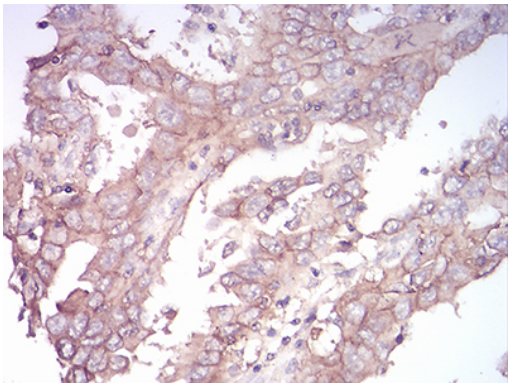
Application Details

IHC: 1:200-1:1000 ICC: 1:200-1:1000 FC: 1:50-1:100

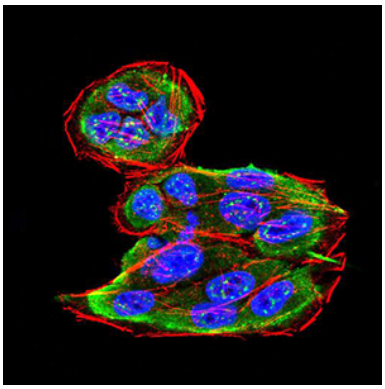
Images



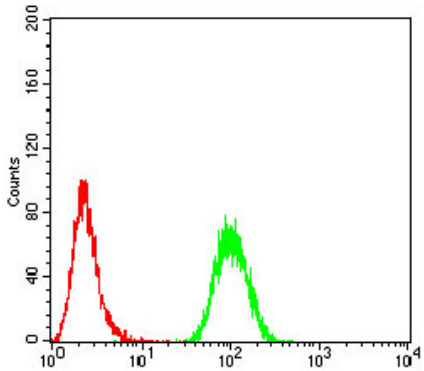
Immunohistochemical analysis of paraffin-embedded human bladder cancer tissue using anti- SPHK2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue using anti- SPHK2 antibody. Counter stained with hematoxylin.



ICC staining SPHK2 (green) and Actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with SPHK2 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).

Background

This gene encodes one of two sphingosine kinase isozymes that catalyze the phosphorylation of sphingosine into sphingosine 1-phosphate. Sphingosine 1-phosphate mediates many cellular processes including migration, proliferation and apoptosis, and also plays a role in several types of cancer by promoting angiogenesis and tumorigenesis. The encoded protein may play a role in breast cancer proliferation and chemoresistance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

References

Note: This product is for in vitro research use only