

Mouse anti-Human SK2 Monoclonal Antibody | anti-SK2 antibody

SK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312043	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry

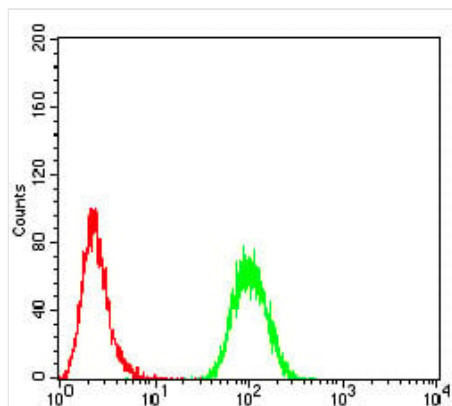
PRODUCT SYNONYMS

SK2; Monoclonal Antibody; SK2 Antibody; 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 synthetase 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; anti-SK2 antibody

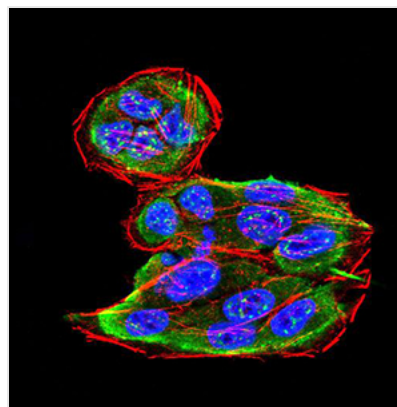
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	E1-C5
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SK2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

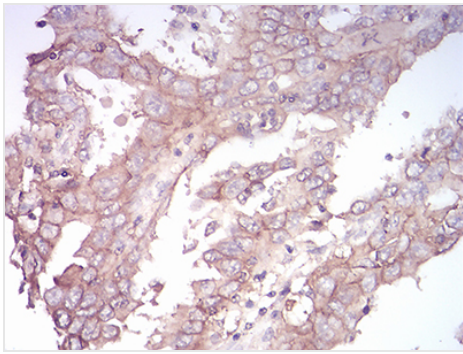
IMAGES


FCM/FACS (Flow Cytometry)

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).

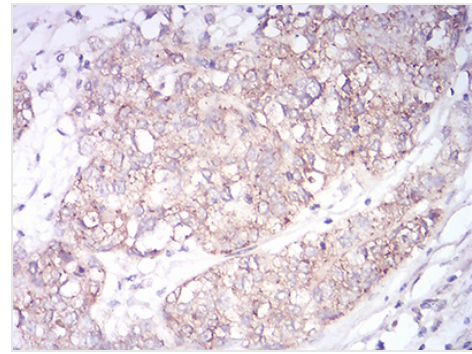

ICC (Immunocytochemistry)

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.



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-SK2 antibody	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.
Product Categories/Family for anti-SK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	323462187
NCBI GeneID	56848
NCBI Accession #	NP_001191088.1
NCBI GenBank Nucleotide #	NM_001204159.2
UniProt Accession #	Q9NRA0; Q9BRN1; Q9H0Q2; Q9NWU7
Molecular Weight	69,217 Da
NCBI Official Full Name	sphingosine kinase 2 isoform a
NCBI Official Synonym Full Names	sphingosine kinase 2
NCBI Official Symbol	SPHK2
NCBI Official Synonym Symbols	SK 2; SK-2; SPK 2; SPK-2
NCBI Protein Information	sphingosine kinase 2; sphingosine kinase type 2
UniProt Protein Name	Sphingosine kinase 2
UniProt Gene Name	SPHK2
UniProt Synonym Gene Names	SK 2; SPK 2
UniProt Entry Name	SPHK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sk2-antibody-clone-e1-c5-flow-cytometry-immunohistochemistry-immunocytochemistry-elisa/312043>