

# Product Datasheet

## Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) - BSA Free NBP2-52567

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP2-52567**

Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) - BSA Free

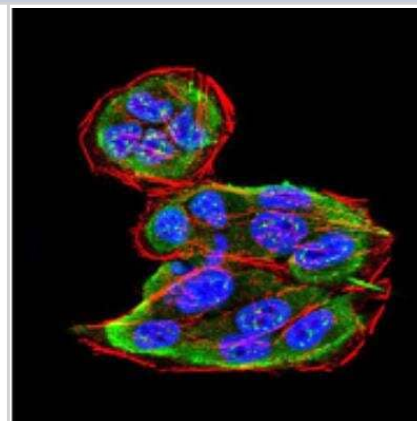
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9C5E1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	69.2 kDa

Product Description	
Host	Mouse
Gene ID	56848
Gene Symbol	SPHK2
Species	Human
Immunogen	Synthesized peptide of human Sphingosine Kinase 2/SPHK2 (AA: 36-52).

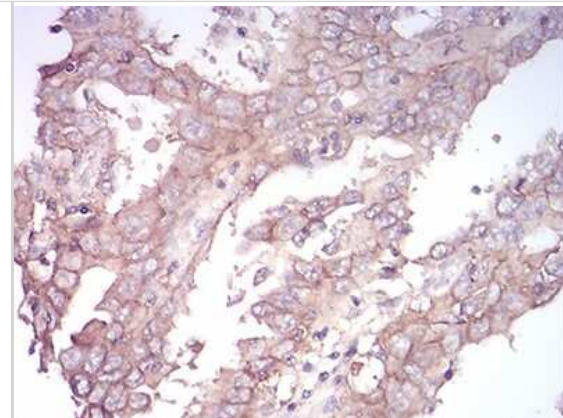
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready. Use in Western Blot reported in scientific literature (PMID:32146198).

**Images**

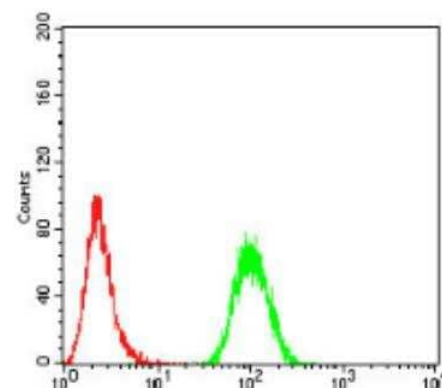
Immunocytochemistry/Immunofluorescence: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] - Analysis of HeLa cells using SK2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



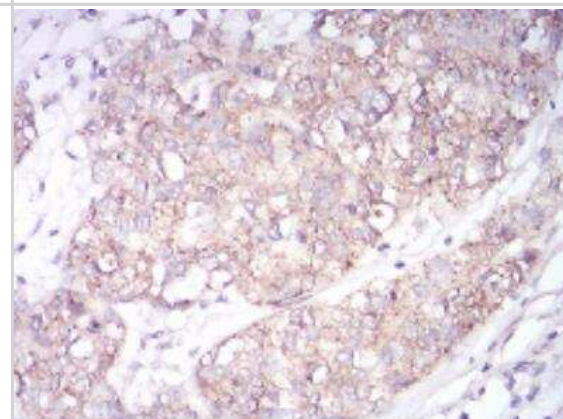
Immunohistochemistry-Paraffin: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] - Analysis of endometrial cancer tissues using SK2 mouse mAb with DAB staining.



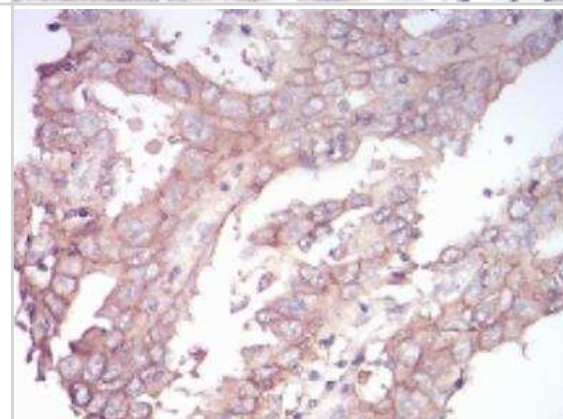
Flow Cytometry: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] - Analysis of HeLa cells using SK2 mouse mAb (green) and negative control (red).



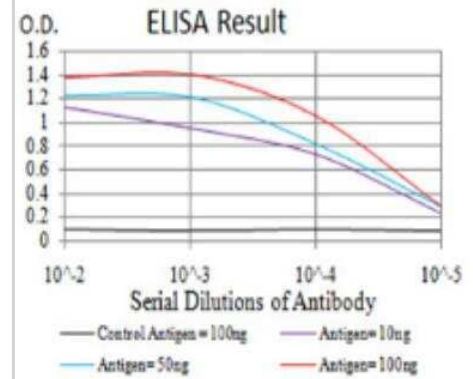
Immunohistochemistry-Paraffin: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] - Analysis of bladder cancer tissues using SK2 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] - Analysis of paraffin-embedded endometrial cancer tissues using SK2 mouse mAb with DAB staining.



ELISA: Sphingosine Kinase 2/SPHK2 Antibody (9C5E1) [NBP2-52567] -  
 Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue  
 line: Antigen (50 ng); Red line: Antigen (100 ng);



## Publications

Chen L, Xia Y, Lu J et Al. A 50-Hz magnetic-field exposure promotes human amniotic cells proliferation via SphK-S1P-S1PR cascade mediated ERK signaling pathway Ecotoxicol. Environ. Saf. 2020-05-01 [PMID: 32146198] (WB, Human)



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### **Products Related to NBP2-52567**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP3-17771PEP	Sphingosine Kinase 2/SPHK2 Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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