

# Product Datasheet

## Sphingosine Kinase 1/SPHK1 Antibody (OT11A6) NBP2-45944

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP2-45944**

Sphingosine Kinase 1/SPHK1 Antibody (OT11A6)

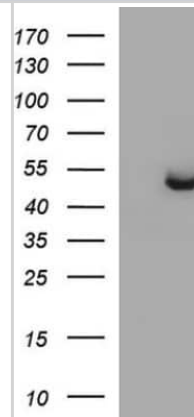
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11A6
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	43.8 kDa

Product Description	
Description	Novus Biologicals Mouse Sphingosine Kinase 1/SPHK1 Antibody (OT11A6) (NBP2-45944) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Sphingosine Kinase 1/SPHK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8877
Gene Symbol	SPHK1
Species	Human, Rat, Monkey
Reactivity Notes	Rat reactivity reported in scientific literature (PMID:33077711).
Immunogen	Full length human recombinant protein of human SPHK1(NP_068807) produced in HEK293T cell.

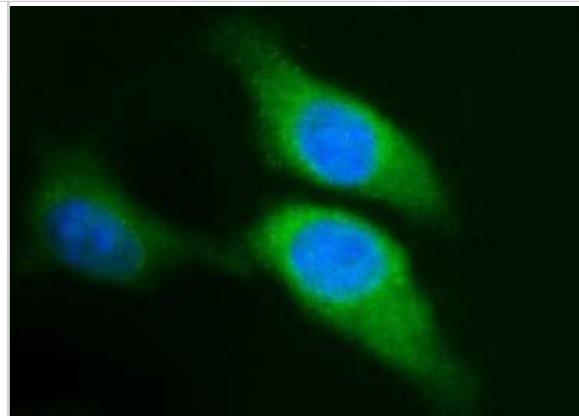
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:400-4000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

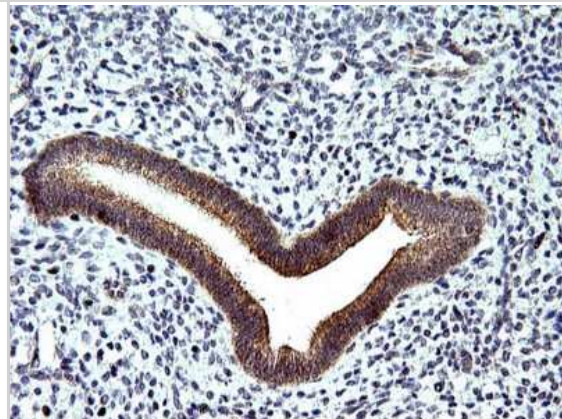
Western Blot: Sphingosine Kinase 1/SPHK1 Antibody (1A6) [NBP2-45944] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SPHK1.



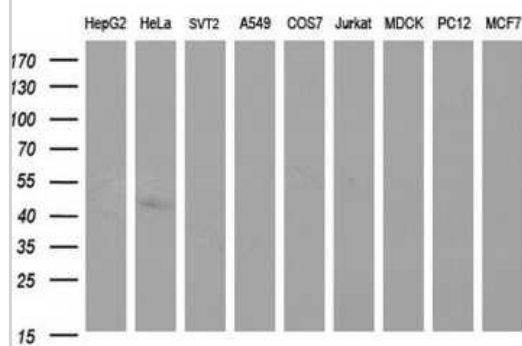
Immunocytochemistry/Immunofluorescence: Sphingosine Kinase 1/SPHK1 Antibody (OT11A6) [NBP2-45944] - Analysis of HeLa cells.



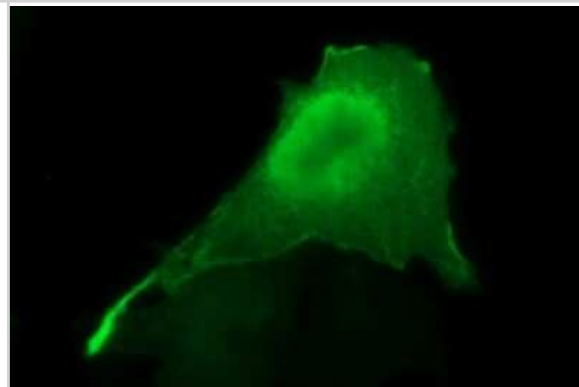
Immunohistochemistry: Sphingosine Kinase 1/SPHK1 Antibody (1A6) [NBP2-45944] - Analysis of Human endometrium tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



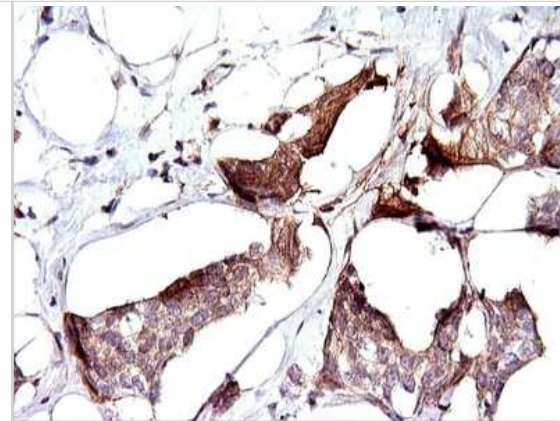
Western Blot: Sphingosine Kinase 1/SPHK1 Antibody (1A6) [NBP2-45944] - Analysis of extracts (35ug) from 9 different cell lines (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunocytochemistry/Immunofluorescence: Sphingosine Kinase 1/SPHK1 Antibody (OT11A6) [NBP2-45944] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY Sphingosine Kinase 1/SPHK1.



Immunohistochemistry: Sphingosine Kinase 1/SPHK1 Antibody (1A6) [NBP2-45944] - Analysis of Adenocarcinoma of Human breast tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



## Publications

Chen BH, Chang YJ, Lin S, Yang WY Hsc70/Stub1 promotes the removal of individual oxidatively stressed peroxisomes Nat Commun 2020-10-19 [PMID: 33077711] (WB, IF/IHC, Rat)



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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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