

Product datasheet

SPHK1 overexpression 293T lysate (whole cell) ab94163

[2 Images](#)

Overview

Product name	SPHK1 overexpression 293T lysate (whole cell)
General notes	ab94163 is a 293T cell transfected lysate in which Human SPHK1 has been transiently over-expressed using a pCMV-SPHK1 plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

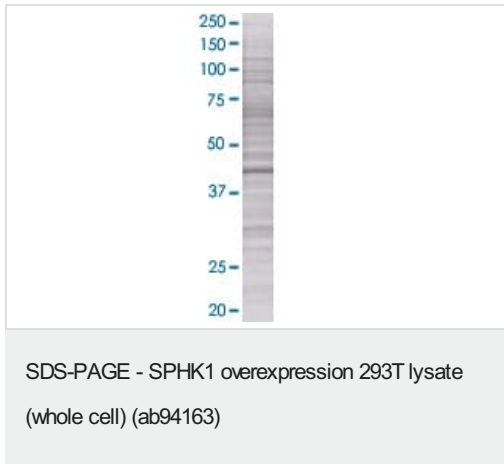
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra-and extracellular functions. Also acts on D-erythro-sphingosine and to a lesser extent sphinganine, but not other lipids, such as D,L-threo-dihydrosphingosine, N,N-dimethylsphingosine, diacylglycerol, ceramide, or phosphatidylinositol. Tissue specificity: Widely expressed with highest levels in adult liver, kidney, heart and skeletal muscle. Similarity: Contains 1 DAGKc domain.

Applications

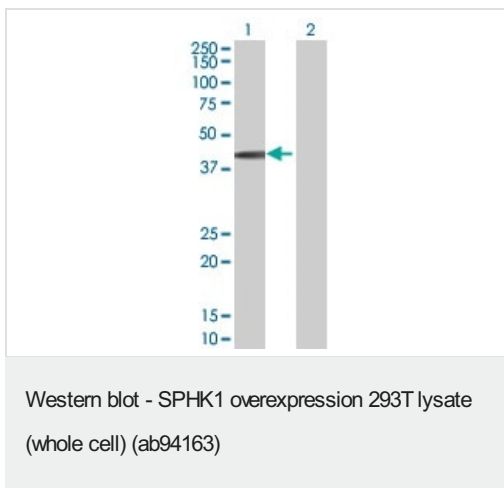
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94163 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94163 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-SPHK1 antibody (**ab56414**) at 1/500 dilution

Lane 1 : SPHK1 overexpression 293T lysate (whole cell)
(ab94163)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

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