

## Product datasheet

# Hexokinase 1 overexpression 293T lysate (whole cell) ab94049

[2 Images](#)

### Overview

<b>Product name</b>	Hexokinase 1 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94049 is a 293T cell transfected lysate in which Human Hexokinase 1 has been transiently over-expressed using a pCMV-Hexokinase 1 plasmid. The lysate is provided in 1X Sample Buffer. <b>Note:</b> For more detailed how the transfected lysate was prepared <a href="#">view preparation notes</a>
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Disease: Hexokinase deficiency Neuropathy, hereditary motor and sensory, Russe type Domain: The N- and C-terminal halves of this hexokinase show extensive sequence similarity to each other. The catalytic activity is associated with the C-terminus while regulatory function is associated with the N-terminus. Each domain can bind a single glucose and Gluc-6-P molecule. Pathway: Carbohydrate metabolism; hexose metabolism. Similarity: Belongs to the hexokinase family. Contains 2 hexokinase domains. Tissue specificity: Isoform 2 is erythrocyte specific. Isoform 3 and isoform 4 are testis-specific.

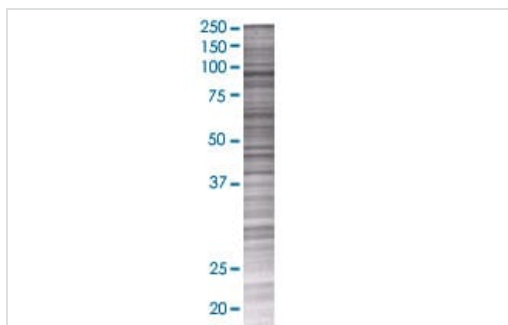
### Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab94049 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.

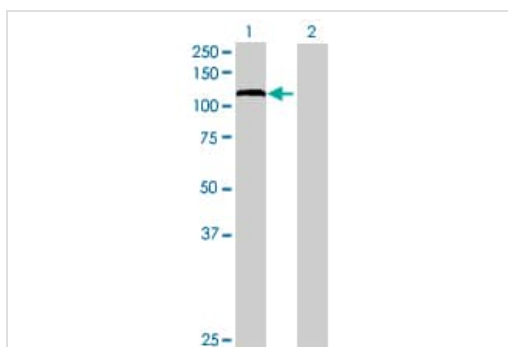
## Images

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SDS-PAGE - Hexokinase 1 overexpression 293T lysate (whole cell) (ab94049)

ab94049 at 15µg/lane on an SDS-PAGE gel.



Western blot - Hexokinase 1 overexpression 293T lysate (whole cell) (ab94049)

**All lanes** : Anti-Hexokinase 1 antibody (ab55144) at 1/500 dilution

**Lane 1** : Hexokinase 1 overexpression 293T lysate (whole cell) (ab94049)

**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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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