

Product datasheet

BLK overexpression 293T lysate (whole cell) ab94100

[2 Images](#)

Overview

Product name	BLK overexpression 293T lysate (whole cell)
General notes	ab94100 is a 293T cell transfected lysate in which Human BLK has been transiently over-expressed using a pCMV-BLK 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	pH: 6.80 Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol

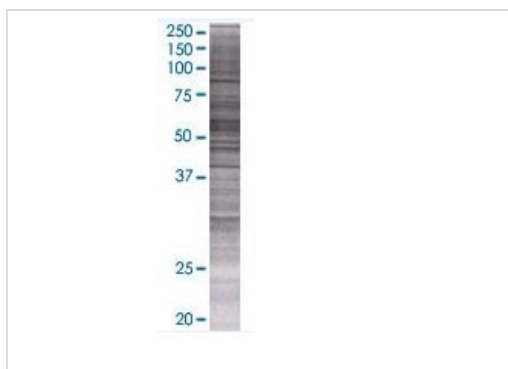
Background	Disease: Defects in BLK are a cause of maturity-onset diabetes of the young type 11 (MODY11) [MIM:613375]. MODY11 is a form of diabetes that is characterized by an autosomal dominant mode of inheritance, onset in childhood or early adulthood (usually before 25 years of age), a primary defect in insulin secretion and frequent insulin-independence at the beginning of the disease. Function: Modulator of beta-cells function, acting through the up-regulation of PDX1 and NKX6-1 and consequent stimulation of insulin secretion in response to glucose. Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain. Tissue specificity: Expressed in lymphatic organs, pancreatic islets, Leydig cells, striate ducts of salivary glands and hair follicles.
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Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94100 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

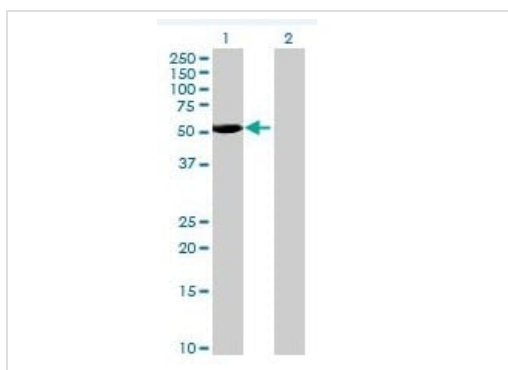
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - BLK overexpression 293T lysate
(whole cell) (ab94100)

ab94100 at 15µg/lane on an SDS-PAGE gel.



Western blot - BLK overexpression 293T lysate
(whole cell) (ab94100)

All lanes : Anti-BLK antibody ([ab54866](#)) at 1/500 dilution

Lane 1 : BLK overexpression 293T lysate (whole cell) (ab94100)

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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