

Product datasheet

STAT5 α overexpression 293T lysate (whole cell) ab94124

[2 Images](#)

Overview

Product name	STAT5 α overexpression 293T lysate (whole cell)
General notes	ab94124 is a 293T cell transfected lysate in which Human STAT5 α has been transiently overexpressed using a pCMV-STAT5 α plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

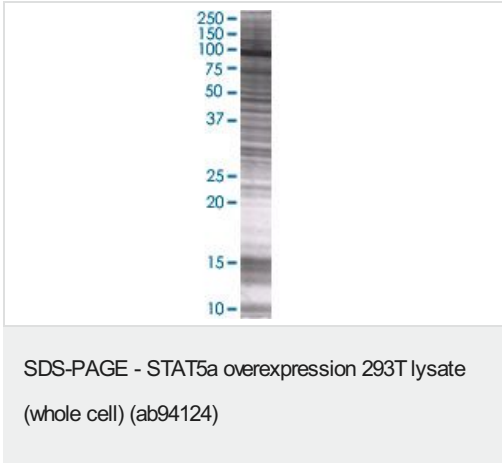
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription. PTM: Tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity. Similarity: Belongs to the transcription factor STAT family. Contains 1 SH2 domain.

Applications

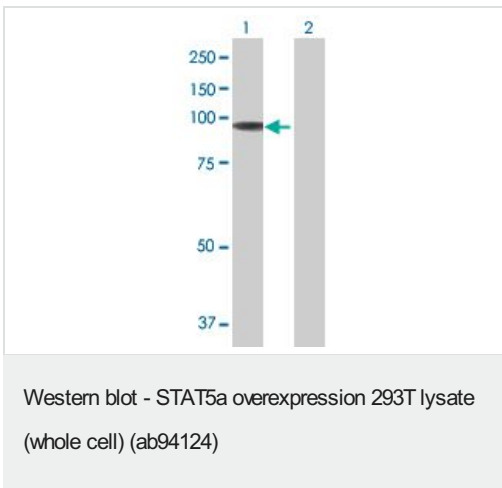
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94124 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94124 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-STAT5a antibody (**ab57823**) at 1/500 dilution

Lane 1 : STAT5a overexpression 293T lysate (whole cell)
(ab94124)

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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