

## Product datasheet

# MCM4 overexpression 293T lysate (whole cell) ab94302

2 Images

### Overview

<b>Product name</b>	MCM4 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94302 is a 293T cell transfected lysate in which Human MCM4 has been transiently over-expressed using a pCMV-MCM4 plasmid. The lysate is provided in 1X Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

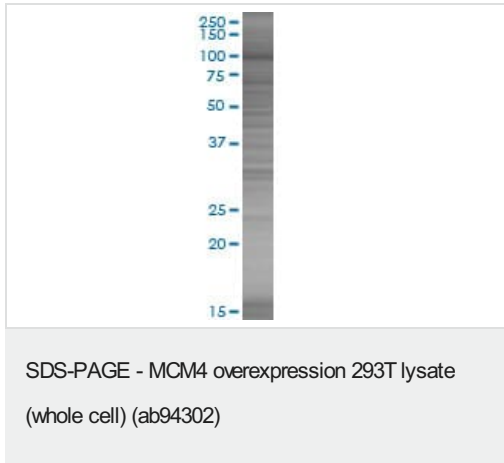
<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Function: Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Similarity: Belongs to the MCM family. Contains 1 MCM domain.

### Applications

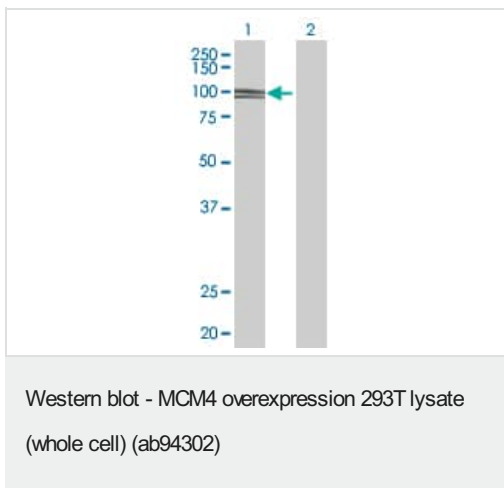
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94302 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

### Images



ab94302 at 15µg/lane on an SDS-PAGE gel



**All lanes :** Anti-MCM4 antibody (**ab88546**) at 1/500 dilution

**Lane 1 :** MCM4 overexpression 293T lysate (whole cell) (ab94302)

**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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