

Product datasheet

Thymidylate Synthase overexpression 293T lysate (whole cell) ab94158

[2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Thymidylate Synthase overexpression 293T lysate (whole cell) |
| General notes | ab94158 is a 293T cell transfected lysate in which Human Thymidylate Synthase has been transiently over-expressed using a pCMV-Thymidylate Synthase plasmid. The lysate is provided in 1X Sample Buffer |
| Tested applications | Suitable for: WB |

Properties

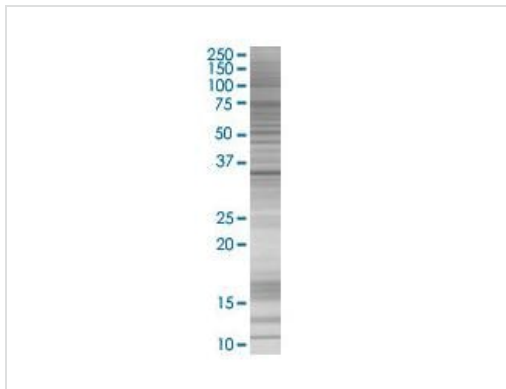
| | |
|-----------------------------|---|
| Mycoplasma free | Yes |
| Form | Liquid |
| Storage instructions | Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine) |
| Background | Function: Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Pathway: Pyrimidine metabolism; dTTP biosynthesis. Similarity: Belongs to the thymidylate synthase family. |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94158 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

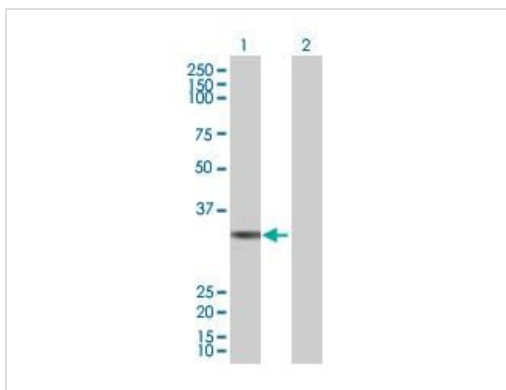
| Application | Abreviews | Notes |
|-------------|-----------|-------------------------------------|
| WB | | Use at an assay dependent dilution. |

Images



SDS-PAGE - Thymidylate Synthase overexpression
293T lysate (whole cell) (ab94158)

ab94158 at 15 µg/lane on an SDS-PAGE gel



Western blot - Thymidylate Synthase
overexpression 293T lysate (whole cell) (ab94158)

All lanes : Anti-Thymidylate Synthase antibody (**ab58287**) at 1/500 dilution

Lane 1 : Thymidylate Synthase overexpression 293T lysate (whole cell) (ab94158)

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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