

## Thymidylate synthase antibody

**Cat. No. GTX27398**

<b>Host</b>	Sheep
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ELISA
<b>Reactivity</b>	Human

**Package**  
1 mg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ELISA	1:10000-1:50000

Not tested in other applications.

**Calculated MW** 36 kDa. ([Note](#))

**Product Note**

Detects Thymidylate Synthase by immunochemistry in proliferating cell cultures and tissues but does not stain non-proliferating cells. Normal colon mucosa shows weak staining. However, some colorectal cancer specimens show very strong staining.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	20mM Potassium Phosphate, 150mM NaCl
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	10 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant human Thymidylate synthase (36 kDa) produced in E.coli .
<b>Purification</b>	IgG fraction
<b>Conjugation</b>	Unconjugated



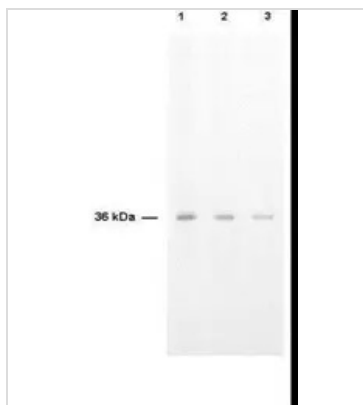
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

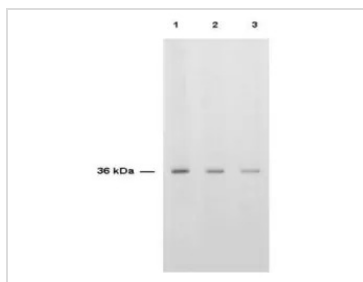
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX27398 Image**

Anti-TS is shown to detect thymidylate synthase present in a HeLa cell extract. Each lane is estimated to contain 4 µg of protein. Lanes 1, 2 and 3 represent 1:2,000, 1:5,000 and 1:10,000 fold dilutions of the antibody. Detection was made using HRP Rabbit-anti-Sheep IgG diluted 1:1,000 and color development using TMB (TMBM-100) substrate.



**GTX27398 WB Image**

WB analysis of HeLa whole cell lysate using GTX27398 Thymidylate synthase antibody.

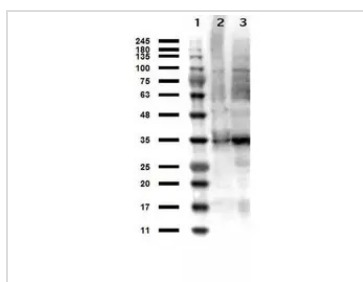
Dilution :

Lane 1 : 1:2000

Lane 2 : 1:5000

Lane 3 : 1:10000

Loading : 4 µg



**GTX27398 WB Image**

WB analysis of various samples using GTX27398 Thymidylate synthase antibody.

Lane 1 : Protein ladder

Lane 2 : HeLa whole cell lysate

Lane 3 : Molt-4 whole cell lysate

Loading : 10 µg

Dilution : 1 µg/mL



For full product information, images and publications, please visit our [website](#).