

Nur für Forschungszwecke

# TYMS Monoklonaler Antikörper

Katalog-Nr.:HRP-66725



## Allgemeine Informationen

<b>Katalog-Nr.:</b> HRP-66725	<b>GenBank-Zugangsnummer:</b> BC002567	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von7298 Nanodrop;	<b>GeneID (NCBI):</b> thymidylate synthetase	<b>CloneNo.:</b> 1F5B7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> thymidylate synthetase	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:20000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 36 kDa	
<b>Immunogen Katalognummer:</b> AG7027	<b>Beobachtete Masse:</b> 36 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB	<b>Positivkontrollen:</b> WB : Jurkat-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Thymidylate synthase gene (TYMS) encodes thymidylate synthase (TS) which is an important factor in the growth of tumor cells. TS can catalyze the transformation of intracellular uridine monophosphate (UMP) into dTMP which is required for DNA replication and repairing. TS is a key enzyme in the process of cell proliferation, also is the important target enzymes of 5-FU and other chemotherapy drugs. The expression of TYMS is negatively correlated with the efficacy of chemotherapy and the prognosis of patients who suffer from rectal cancer, breast cancer, colorectal cancer, gastric cancer, head and neck cancer, esophageal cancer, pancreatic cancer and so on.

## Lagerung

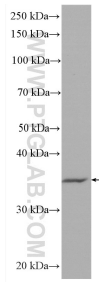
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with HRP-66725 (TYMS antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.