# Recombinant Thymidylate Synthase Monoclonal Antibody

## Description

This Recombinant Thymidylate Synthase Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

| | |
|---|---|
| **SKU:** | RMEA3154 |
| **Contents:** | Recombinant Thymidylate Synthase Monoclonal Antibody (50 µL, 100 µL)<br>Bradford Reagent: 1 vial (2ml) |
| **Clone:** | C113154 |
| **Applications:** | WB, IHC, ICC/IF, FCM, IP |
| **Reactivity:** | Human, Mouse, Rat |

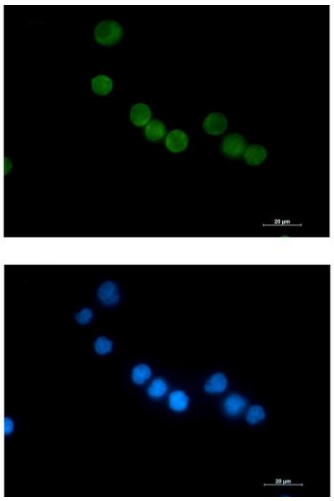
## Antibody Data

| | |
|---|---|
| **Uniprot ID:** | P04818 |
| **Size:** | 50 µL, 100 µL |
| **Host Species:** | Rabbit |
| **Isotype:** | Rabbit IgG |
| **Conjugation:** | Unconjugated |
| **Buffer:** | 0.2 µm filtered solution in PBS |

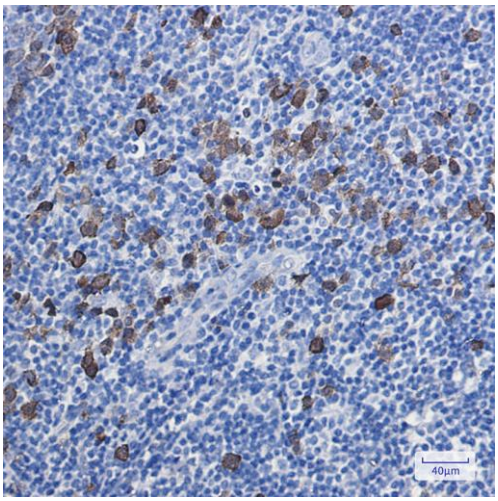
## Preparation & Storage

| | |
|---|---|
| **Storage:** | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.<br>Store Bradford Reagent at Room Temperature for 1 Year. |
| **Shipping:** | Gel Pack |
| **Preparation:** | WB 1:1000-1:5000, IHC-P 1:50-1:100, ICC/IF 1:100-1:200, FCM 1:10-1:100, IP 1:10-1:100 |
| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |

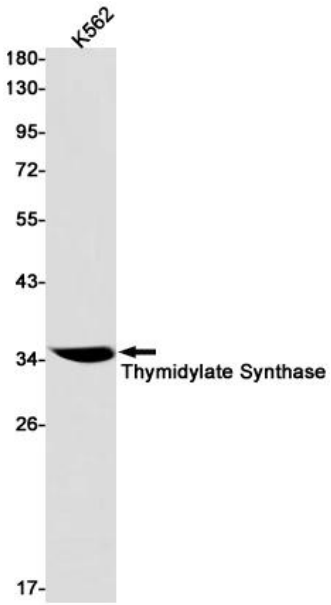
## Validation Data



Immunofluorescent analysis of Jurkat cells using Thymidylate Synthase Monoclonal Antibody (green), and DAPI (blue).




Immunohistochemical analysis of paraffin-embedded Human tonsil.




Western Blot analysis of K562 cells using Thymidylate Synthase Monoclonal Antibody at dilution of 1:1000. Observed-MW:36 kDa Calculated-MW:36 kDa

**Manufacturers Statement**

This final kit system is assembled and quality-released by Assay Genie Limited.