## Product datasheet for TA801701AM

## Thymidylate Synthase (TYMS) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2C3]

## Product data:

| Product Type: | Primary Antibodies |
| :---: | :---: |
| Clone Name: | OTI2C3 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TYMS (NP_001062) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1\% BSA, 50\% glycerol and 0.02\% sodium azide. |
| Concentration: | $0.5 \mathrm{mg} / \mathrm{ml}$ |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at $-20^{\circ} \mathrm{C}$ as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 35.5 kDa |
| Gene Name: | thymidylate synthetase |
| Database Link: | NP 001062 |
|  | Entrez Gene 22171 MouseEntrez Gene 29261 RatEntrez Gene 7298 Human |
|  | P04818 |

Synonyms:

## Protein Families:

Protein Pathways:

## Product images:



HEK293T cells were transfected with the pCMV6ENTRY control (Left lane) or pCMV6-ENTRY TYMS ([RC204814], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates ( 5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TYMS. Positive lysates [LY420700] (100ug) and [LC420700] (20ug) can be purchased separately from OriGene.

Immunohistochemical staining of paraffinembedded Adenocarcinoma of Human ovary tissue using anti-TYMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10 mM citric buffer, $\mathrm{pH} 6.0,120^{\circ} \mathrm{C}$ for 3 min , [TA801701])


Immunohistochemical staining of paraffinembedded Human tonsil within the normal limits using anti-TYMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10 mM citric buffer, pH6.0, $120^{\circ} \mathrm{C}$ for 3 min , [TA801701])

