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## Product Datasheet

### **TYMS Antibody / Thymidylate Synthase, Clone: [TYMS/1884], Unconjugated, Mouse, Monoclonal BYT-ORB2640443**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | TYMS Antibody / Thymidylate Synthase, Clone: [TYMS/1884],<br>Unconjugated, Mouse, Monoclonal                                                                                                                                                                  |
| Biozol Catalog Number      | BYT-ORB2640443                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | orb2640443                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | BYT-ORB2640443-100                                                                                                                                                                                                                                            |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FACS, IF, IHC-P, WB                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A recombinant human parital protein corresponding to amino acids 60-174 was used as the immunogen for this TYMS antibody.                                                                                                                                     |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                  |
| Product Description        | This antibody recognizes a protein of 36kDa, identified as Thymidylate Synthase (TS, TYMS). TS converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTMP), which is essential for DNA biosynthesis. TS is also a critical target fo... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [TYMS/1884]                                                                                                                                                                                                                                                   |

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt            | <a href="#">P04818</a>                                                                                                                                                                                                                                                                                                                 |
| Buffer             | 1 mg/ml in 1X PBS, rAlbumin free, sodium azide free                                                                                                                                                                                                                                                                                    |
| Application Dilute | Flow cytometry: 1-2ug/10 <sup>6</sup> cells,Immunofluorescence: 1-2ug/ml,Western blot: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                                                 |
| Application Notes  | Application Notes: The optimal dilution of the TYMS antibody for each application should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min |