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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], 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]

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