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## Product Datasheet

### **Thymidylate Synthase (5-FU Resistance Marker)(rTYMS/1884), 0.2mg/mL, Clone: [rTYMS/1884], Mouse, Monoclonal BOT-BNUB3812-500**

Article Name	Thymidylate Synthase (5-FU Resistance Marker)(rTYMS/1884), 0.2mg/mL, Clone: [rTYMS/1884], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUB3812-500
Supplier Catalog Number	BNUB3812-500
Alternative Catalog Number	BOT-BNUB3812-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF
Species Reactivity	Human
Immunogen	Recombinant human thymidylate synthase protein fragment (around aa 60-174) (exact sequence is proprietary)
Product Description	Recognizes a protein of 36 kDa, identified as Thymidylate Synthase (TS) (EC 2. 1. 1. 45). It converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTMP), which is essential for DNA biosynthesis. TS is also a critical target for ...
Clonality	Monoclonal
Concentration	0.2 mg/mL
Clone Designation	[rTYMS/1884]
Molecular Weight	36 kDa

UniProt	<a href="#">P04818</a>
Buffer	PBS, 0.05% BSA, 0.05% azide
Source	Animal
Application Notes	ELISA: For coating, order antibody without BSA, Flow cytometry: 0.5-1 ug/million cells, Immunofluorescence: 0.5-1 ug/mL, Optimal dilution for a specific application should be determined. Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody