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Product Datasheet

Thymidylate Synthase (5-FU Resistance Marker)(rTYMS/1884), Biotin conjugate, 0.1mg/mL, Clone: [rTYMS/1884], Mouse, Monoclonal BOT-BNCB3812-100

Article Name	Thymidylate Synthase (5-FU Resistance Marker)(rTYMS/1884), Biotin conjugate, 0.1mg/mL, Clone: [rTYMS/1884], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB3812-100
Supplier Catalog Number	BNCB3812-100
Alternative Catalog Number	BOT-BNCB3812-100-100UL
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)
Conjugation	Biotin
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	0.1 mg/mL
Clone Designation	[rTYMS/1884]

Molecular Weight	36 kDa
UniProt	P04818
Buffer	PBS, 0.1% 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