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## Product Datasheet

### **Thymidylate Synthase(TS106 + TMS715), 1mg/mL, Clone: [TS106 TMS715], Mouse, Monoclonal BOT-BNUM0716-50**

Article Name	Thymidylate Synthase(TS106 + TMS715), 1mg/mL, Clone: [TS106 TMS715], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0716-50
Supplier Catalog Number	BNUM0716-50
Alternative Catalog Number	BOT-BNUM0716-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human thymidylate synthase (TS106 & TMS715)
Product Description	This antibody recognizes a protein of 36 kDa, identified as Thymidylate Synthase (TS) (EC 2.1.1.45). TS converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTMP), which is essential for DNA biosynthesis. TS is also a critical ...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[TS106 TMS715]
Molecular Weight	36 kDa

UniProt	<a href="#">P04818</a>
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 1-2 ug/mL Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user