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## Product Datasheet

### **Thymidylate Synthase(TMS715), CF647 conjugate, 0.1mg/mL, Clone: [TMS715], Mouse, Monoclonal BOT-BNC470715-500**

Article Name	Thymidylate Synthase(TMS715), CF647 conjugate, 0.1mg/mL, Clone: [TMS715], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470715-500
Supplier Catalog Number	BNC470715-500
Alternative Catalog Number	BOT-BNC470715-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human thymidylate synthase
Conjugation	CF647
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	0.1 mg/mL
Clone Designation	[TMS715]

Molecular Weight	36 kDa
UniProt	<a href="#">P04818</a>
Buffer	PBS, 0.1% BSA, 0.05% 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