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Product Datasheet

Thymidylate Synthase(TS106), 1mg/mL, Clone: [TS106], Mouse, Monoclonal BOT-BNUM0714-50

Article Name	Thymidylate Synthase(TS106), 1mg/mL, Clone: [TS106], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0714-50
Supplier Catalog Number	BNUM0714-50
Alternative Catalog Number	BOT-BNUM0714-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human thymidylate synthase
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]
Molecular Weight	36 kDa

UniProt	P04818
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