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## Product Datasheet

### Anti-Thymidylate Synthase Antibody, Clone: [SPM453], Mouse, Monoclonal NSJ-V9092-20UG

Article Name	Anti-Thymidylate Synthase Antibody, Clone: [SPM453], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V9092-20UG
Supplier Catalog Number	V9092-20UG
Alternative Catalog Number	NSJ-V9092-20UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P
Species Reactivity	Human
Immunogen	Recombinant human protein was used as the immunogen for this anti-Thymidylate Synthase antibody.
Product Description	It recognizes a protein of 36kDa, identified as Thymidylate Synthase (TS). TS converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTDP), which is essential for DNA biosynthesis. TS is also a critical target for the fluoropyrim...
Clonality	Monoclonal
Clone Designation	[SPM453]
UniProt	<a href="#">P04818</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	<p>The optimal dilution of the anti-Thymidylate Synthase antibody for each application should be determined by the researcher.</p> <ol style="list-style-type: none"> <li>1. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.</li> <li>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</li> </ol>