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## Product Datasheet

### Thymidylate Synthase (5-FU Resistance Marker) Antibody, IgG1, Clone: [SPM453], Mouse, Monoclonal NBT-7298-MSM1X-P0

Article Name	Thymidylate Synthase (5-FU Resistance Marker) Antibody, IgG1, Clone: [SPM453], Mouse, Monoclonal
Biozol Catalog Number	NBT-7298-MSM1X-P0
Supplier Catalog Number	7298-MSM1X-P0
Alternative Catalog Number	NBT-7298-MSM1X-P0-20,NBT-7298-MSM1X-P0-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Human
Immunogen	Recombinant full-length human TYMS protein.
Product Description	It recognizes a protein of 36kDa, 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 target for t...
Clonality	Monoclonal
Clone Designation	[SPM453]
Molecular Weight	36kDa
Isotype	IgG1

NCBI	<a href="#">7298</a>
UniProt	<a href="#">P04818</a>
Form	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Flow Cytometry (0.5-1ug/million cells), Immunofluorescence (0.5-1ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 4