

Thymidylate Synthase (YD13401) Rabbit mAb

货号: **AYD11925**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC IP
推荐浓度	
理论分子量	36kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Molt-4
细胞定位	Nucleus, Cytoplasm, Mitochondrion, Mitochondrion matrix, Mitochondrion inner membrane
纯化	

抗原信息

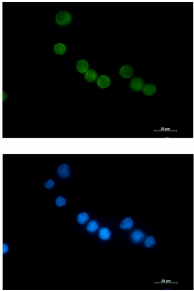
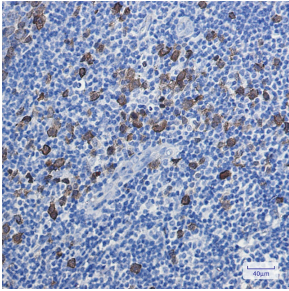
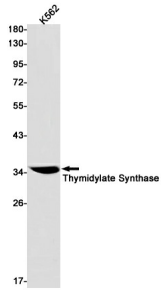
抗原信息	
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靶点信息

研究背景	Thymidylate synthase catalyzes the methylation of deoxyuridylate to deoxythymidylate using 5,10-methylenetetrahydrofolate (methylene-THF) as a cofactor. This function maintains the dTMP (thymidine-5-prime monophosphate) pool critical for DNA replication and repair. The enzyme has been of interest as a target for cancer chemotherapeutic agents. It is considered to be the primary site of action for 5-fluorouracil, 5-fluoro-2-prime-deoxyuridine, and some folate analogs. Expression of this gene and that of a naturally occurring antisense transcript rTSalpha (GeneID:55556) vary inversely when cell-growth progresses from late-log to plateau phase.
基因ID	7298
基因名	TYMS

Swiss	P04818
别名	Thymidylate Synthase (YD13401)

产品验证



实验步骤

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