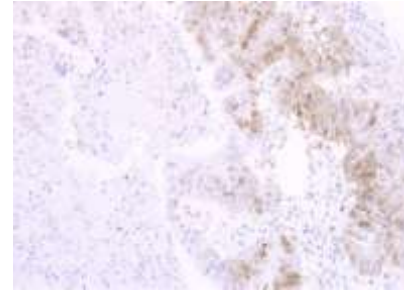


Anti-Thymidylate Synthase Antibody

CATALOG NO:	A1566-100
ALTERNATIVE NAMES:	Thymidylate synthase, TYMS, TS, TSase, TS, OK/SW-cl.29
AMOUNT:	100 µg
IMMUNOGEN:	Human Recombinant Thymidylate Synthase
HOST/ISOTYPE:	IgG1
CLONALITY:	Monoclonal
CLONE:	AHC0267
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G Affinity Purified
FORM:	Liquid
FORMULATION:	PBS, pH 7.4 with 0.02% Sodium Azide
STORAGE CONDITIONS:	This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
DESCRIPTION:	Anti-Thymidylate Synthase Antibody detects for the thymidylate synthase enzyme which functions to catalyze the conversion of deoxyuridine monophosphate (dUMP) to 2'-deoxythymidine-5'-monophosphate (dTMP), an essential precursor in DNA biosynthesis processes. It is a key enzyme which has been a target for chemotherapy.
APPLICATION:	IHC: 1:1000-1:3000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Paraffin-embedded Human Colon Tissue stained with Thymidylate Synthase Antibody (AHC0267).

RELATED PRODUCTS:

- Trifluorothymidine (**Cat. No. B1126**)
- Pemetrexed (**Cat. No. B1862**)
- 5-Fluorouracil (**Cat. No. B1519**)
- 2'-Deoxy-5-fluorocytidine (**Cat. No. 2387**)

FOR RESEARCH USE ONLY! Not to be used on humans.