

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

44-1189: Anti-Thymidylate Synthase Monoclonal Antibody (Clone:IHC697)

Clonality: Monoclonal **Clone Name: IHC697** Application: IHC Reactivity: Human Gene: **TYMS** Gene ID: 7298 **Uniprot ID:** P04818 Format: **Purified**

Alternative Name: TYMS, TS, OK/SW-cl.29, TSase

Description

Thymidylate Synthase (TS) is a crucial enzyme responsible for the synthesis of 2'-deoxythymidine-5'-monophosphate (dTMP) a precursor for thymidylate which is necessary for DNA replication and repair from 2'-deoxyuridine-5'-monophosphate (dUMP). In terms of cancer, TS is an important target for cancer treatment as the inhibition of TS and therefore nucleotide synthesis necessary for cell growth has shown to be a vital part for successful treatment against colorectal, pancreatic and breast cancers.

Product Info

Amount: 0.1 ml / 1 ml

Purification : Protein A/G Chromatography

Storage condition : Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

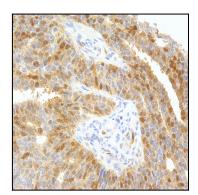


Figure 1: Immunohistochemical analysis of Thymidylate Synthase (IHC697) on Cervical Cancer