

Product datasheet

Anti-Thymidylate Synthase antibody [EPR4545] ab108995

RabMAb

★★★★★ 1 Abreviews 5 References 7 图像

概述

产品名称	Anti-Thymidylate Synthase抗体[EPR4545]
描述	兔单克隆抗体[EPR4545] to Thymidylate Synthase
宿主	Rabbit
特异性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
经测试应用	适用于: WB, IP, IHC-P, Flow Cyt, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Thymidylate Synthase aa 300 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: P04818
阳性对照	HeLa, Jurkat, HL60 and MCF7 cell lysates; Human ovary carcinoma and colon carcinoma tissue.
常规说明	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team. This product is a recombinant rabbit monoclonal antibody .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, PBS, 0.05% BSA
纯度	Protein A purified
克隆	单克隆

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 36 kDa

Blocking and diluting buffer: 5% NFDM/TBST.

ab108995 (purified) at 1:30 dilution (2µg) immunoprecipitating Thymidylate Synthase in Jurkat whole cell lysate.

Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate, 10µg

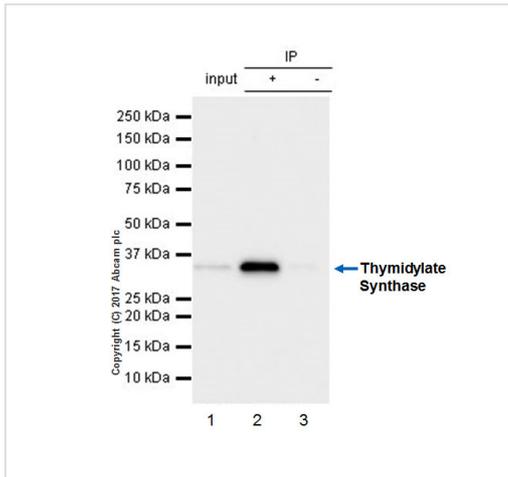
Lane 2 (+): ab108995 & Jurkat whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab108995 in Jurkat whole cell lysate

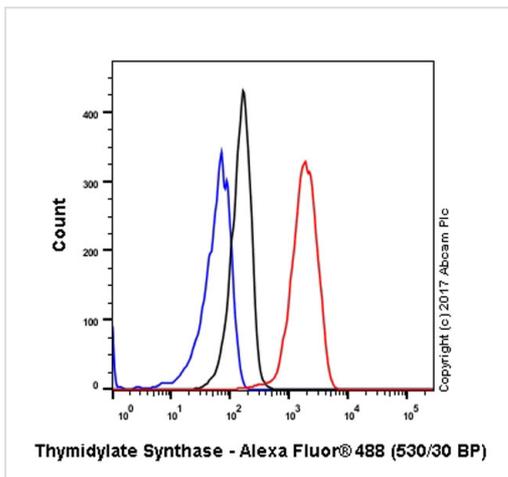
For western blotting, VeriBlot for IP secondary antibody (HRP)

([ab131366](#)) was used as the secondary antibody at 1:1000 dilution.

Blocking and diluting buffer: 5% NFDM/TBST.

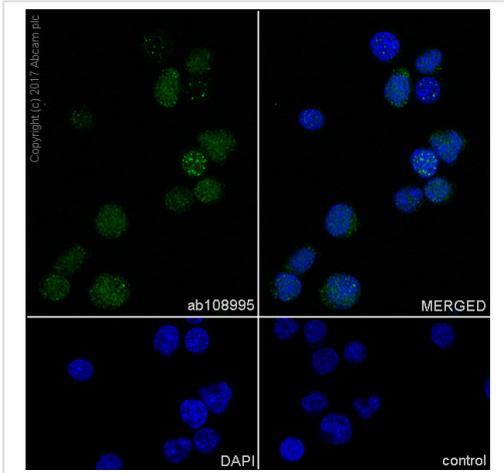


Immunoprecipitation - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)



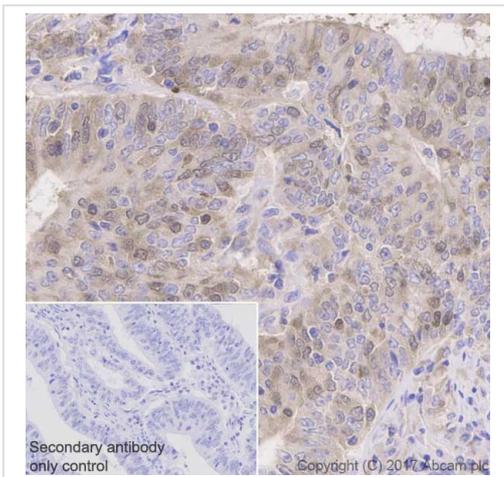
Flow Cytometry - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)

Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling Thymidylate Synthase with purified ab108995 at 1:50 dilution (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1:2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



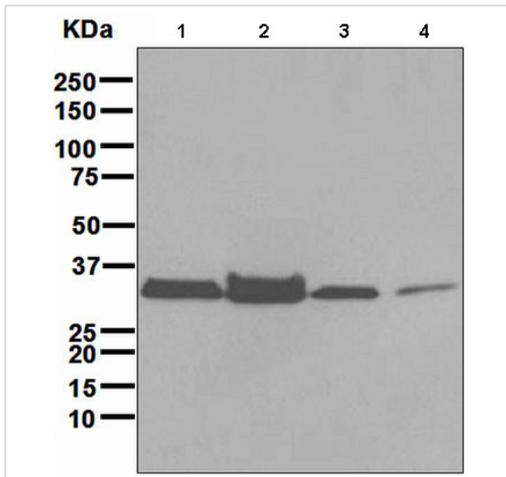
Immunocytochemistry/ Immunofluorescence - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)

Immunocytochemistry/ Immunofluorescence analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling Thymidylate Synthase with Purified ab108995 at 1:100 dilution. Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100 ab150077 Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue sections labeling Thymidylate Synthase with purified ab108995 at 1:100 dilution. Heat mediated antigen retrieval was performed using ab93684 (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)

All lanes : Anti-Thymidylate Synthase antibody [EPR4545] (ab108995) at 1/1000 dilution (unpurified)

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

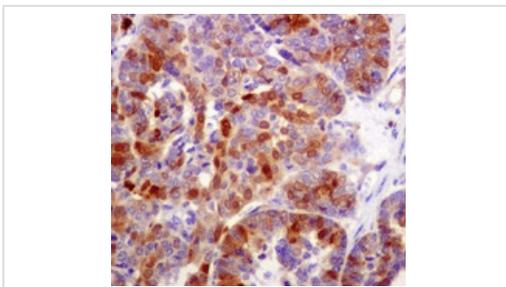
Lane 3 : HL60 cell lysate

Lane 4 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

Performed under reducing conditions.

Predicted band size: 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thymidylate Synthase antibody [EPR4545] (ab108995)

Unpurified ab108995 at 1/50 dilution, staining Thymidylate Synthase in Human ovary carcinoma Immunohistochemistry, Paraffin-embedded tissue.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors