

Anti-Transketolase antibody [7H1AA1] ab112997

6 References [4 图像](#)

概述

产品名称	Anti-Transketolase抗体[7H1AA1]
描述	小鼠单克隆抗体[7H1AA1] to Transketolase
宿主	Mouse
特异性	Shotgun immunization of human HeLa cell lysates into mice. Targets were determined by mass spectrometry and validated by WB, ICC, ELISA pair and other techniques.
经测试应用	适用于: IHC-P, ICC/IF, WB, Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus. This information is considered to be commercially sensitive.
阳性对照	HeLa and HepG2 whole cell lysate (ab7900); HL60 and HeLa cells. Human normal colon FFPE tissue.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: 99.98% HEPES buffered saline</p>
纯度	Proprietary Purification
纯化说明	ab112997 was produced in vitro using hybridomas grown in serum-free medium, and then

purified by biochemical fractionation. Monoclonal purity was near homogeneity as judged by SDS-PAGE (>95%).

克隆	单克隆
克隆编号	7H1AA1
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab112997于以下的经测试应用

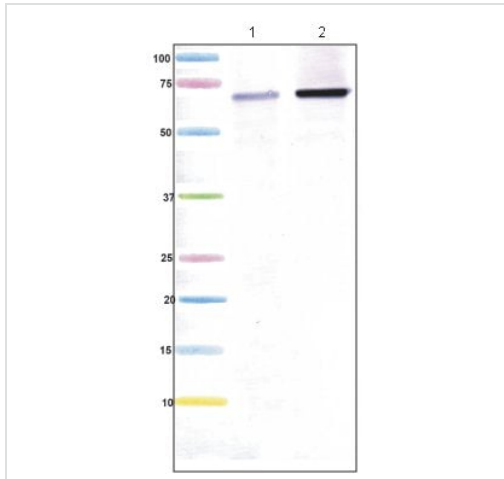
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml.
ICC/IF		Use a concentration of 1 µg/ml.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 68 kDa.
Flow Cyt		Use a concentration of 1 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

序列相似性 Belongs to the transketolase family.

图片



Western blot - Anti-Transketolase antibody
[7H1AA1] (ab112997)

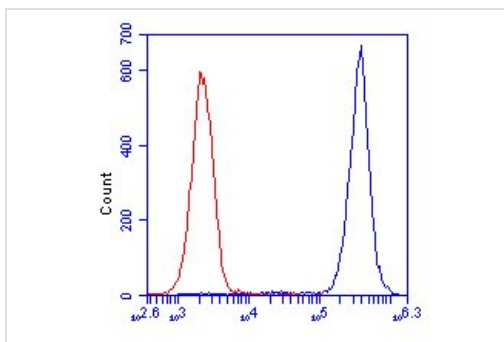
All lanes : Anti-Transketolase antibody [7H1AA1] (ab112997) at 1 $\mu\text{g/ml}$

Lane 1 : HepG2 Cell Lysate

Lane 2 : HeLa Cell Lysate

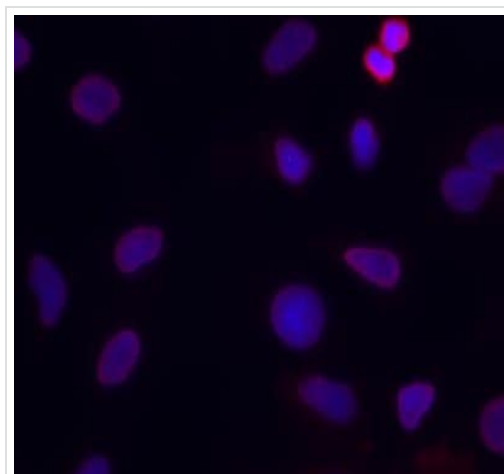
Lysates/proteins at 20 μg per lane.

Predicted band size: 68 kDa



Flow Cytometry - Anti-Transketolase antibody
[7H1AA1] (ab112997)

ab112997 at 1 $\mu\text{g/ml}$ staining Transketolase in HL60 cells by Flow Cytometry (blue). Isotype control antibody (red).



Immunocytochemistry/ Immunofluorescence - Anti-
Transketolase antibody [7H1AA1] (ab112997)

ab112997 at 1 $\mu\text{g/ml}$ staining Transketolase in HeLa cells by Immunocytochemistry (4% paraformaldehyde fixed and 0.1% Triton X-100 permeabilized) followed by Alexa Fluor® 594 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 hour (red). Nuclei were stained with DAPI (blue). Non specific fluorescence was reduced using a signal enhancer.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody [7H1AA1] (ab112997)

IHC image of Transketolase staining in Human normal colon formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab112997, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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