

Anti-TCTP antibody [EP5541] ab124835

重组 RabMAb

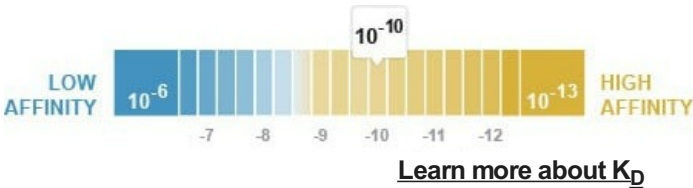
3 图像

概述

产品名称	Anti-TCTP抗体[EP5541]
描述	兔单克隆抗体[EP5541] to TCTP
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, ICC/IF 不适用于: IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Jurkat cells, mouse and rat brain lysates. ICC/IF: Jurkat cells. Flow Cyt (Intra): Jurkat cells.
常规说明	<p>This product has switched from a hybridoma to recombinant production method on 29th January 2024.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	K _D = 1.21 x 10 ⁻¹⁰ M



存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EP5541
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124835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。

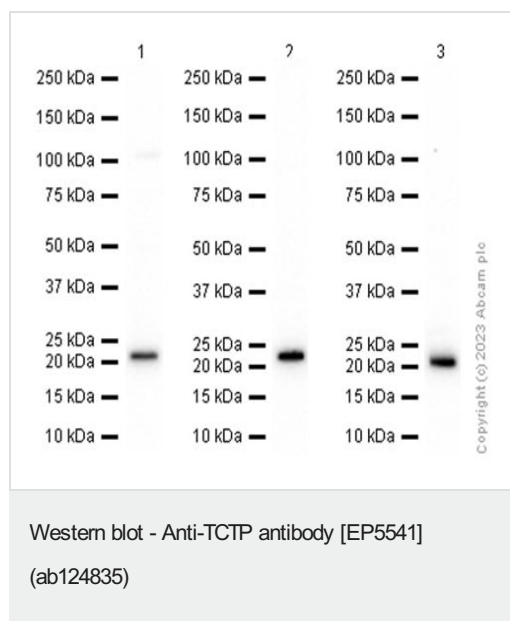
应用	Ab评论	说明
Flow Cyt (Intra)		1/20.
WB		1/10000. Predicted molecular weight: 22 kDa.
ICC/IF		1/50.

应用说明 Is unsuitable for IHC-P or IP.

靶标

功能	Involved in calcium binding and microtubule stabilization.
组织特异性	Found in several healthy and tumoral cells including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas, and lymphomas. It cannot be detected in kidney and renal cell carcinoma (RCC). Expressed in placenta and prostate.
序列相似性	Belongs to the TCTP family.
细胞定位	Cytoplasm.

图片



All lanes : Anti-TCTP antibody [EP5541] (ab124835) at 1/10000 dilution

Lane 1 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Lane 2 : Mouse brain lysate

Lane 3 : Rat brain lysate

Lysates/proteins at 15 µg per lane.

Secondary

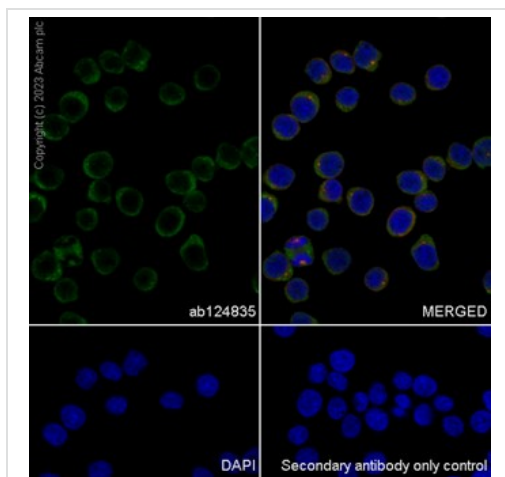
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 22 kDa

Observed band size: 22 kDa

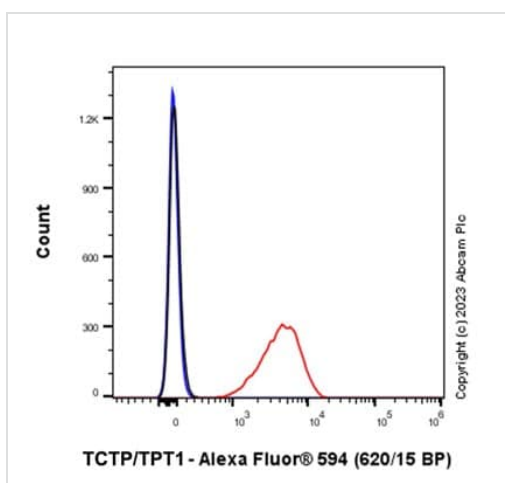
Exposure time: 22 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST.



Immunocytochemistry/ Immunofluorescence - Anti-TCTP antibody [EP5541] (ab124835)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Jurkat cells with ab124835 at 1/50 (3.08 µg/ml) dilution, followed by **ab150081** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2 µg/ml) dilution (Green). Confocal image showing cytoplasmic staining in Jurkat cells. Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 (2.5ug/ml) dilution (Red). The Nuclear counterstain was DAPI (Blue).



Flow Cytometry (Intracellular) - Anti-TCTP antibody [EP5541] (ab124835)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Jurkat cells labelling TCTP with ab124835 at 1/20 dilution (7.5 µg) (Red) compared with a Rabbit monoclonal IgG (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat Anti-Rabbit IgG (Alexa Fluor® 488, **ab150081**) at 1/5000 dilution was used as the secondary antibody.

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