abcam

Product datasheet

Anti-14-3-3 Theta + Tau antibody [EPR5123] ab124909
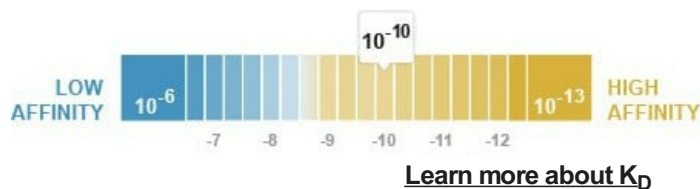
重组 RabMAb

1 References   5 图像

概述

产品名称	Anti-14-3-3 Theta + Tau抗体[EPR5123]
描述	兔单克隆抗体[EPR5123] to 14-3-3 Theta + Tau
宿主	Rabbit
经测试应用	**适用于：** Flow Cyt (Intra), WB **不适用于：** IHC-P or IP
种属反应性	**与反应：** Human **预测可用于：** Mouse, Rat
免疫原	Synthetic peptide within Human 14-3-3 Theta + Tau (N terminal). The exact sequence is proprietary.
阳性对照	HeLa, 293T, A549 and A431 cell lysates; A549 cells, WB: 14-3-3 theta (YWHAQ) Human Recombinant Protein
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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 = 6.09 x 10^{-10} M

Learn more about K_D

存储溶液	pH: 7.20
	Preservative: 0.05% Sodium azide
	Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5123
同种型	IgG

应用

The Abpromise guarantee   **Abpromise™承诺保证使用ab124909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。
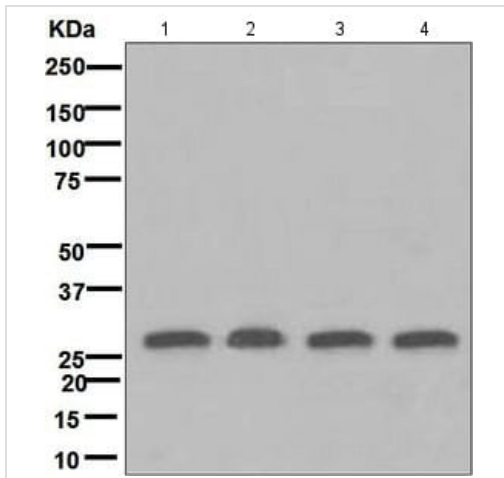
应用	Ab评论	说明
Flow Cyt (Intra)		1/500 - 1/1000. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).

应用说明	Is unsuitable for IHC-P or IP.

靶标

功能	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.
组织特异性	Abundantly expressed in brain, heart and pancreas, and at lower levels in kidney and placenta. Up-regulated in the lumbar spinal cord from patients with sporadic amyotrophic lateral sclerosis (ALS) compared with controls, with highest levels of expression in individuals with predominant lower motor neuron involvement.
序列相似性	Belongs to the 14-3-3 family.
翻译后修饰	Ser-232 is probably phosphorylated by CK1.
细胞定位	Cytoplasm. In neurons, axonally transported to the nerve terminals.

图片

Western blot - Anti-14-3-3 Theta + Tau antibody [EPR5123] (ab124909)

All lanes : Anti-14-3-3 Theta + Tau antibody [EPR5123] (ab124909) at 1/10000 dilution

Lane 1 : HeLa cell lysate
Lane 2 : 293T (Human embryonic kidney epithelial cell) cell lysate
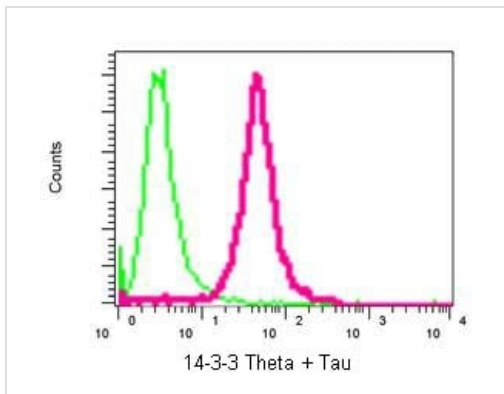**Lane 3 :** A549 cell lysate
Lane 4 : A431 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
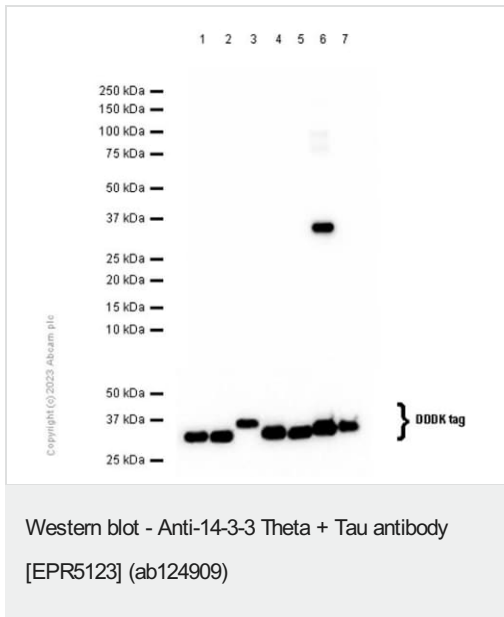**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 28 kDa
Observed band size: 28 kDa

Flow Cytometry (Intracellular) - Anti-14-3-3 Theta + Tau antibody [EPR5123] (ab124909)

Intracellular flow cytometric analysis of permeablized A549 cells using ab124909 at 1/500 dilution (red) or a rabbit IgG negative control (green).

Western blot - Anti-14-3-3 Theta + Tau antibody
[EPR5123] (ab124909)

All lanes : Anti-14-3-3 Theta + Tau antibody [EPR5123]
(ab124909) at 1/1000 dilution

Lane 1 : 14-3-3 beta (YWHAB) Human Recombinant Protein 10
ng, with DDDK tagged

Lane 2 : 14-3-3 gamma (YWHAG) Human Recombinant Protein 10
ng, with DDDK tagged

Lane 3 : 14-3-3 epsilon (YWHAE) Human Recombinant Protein 10
ng, with DDDK tagged

Lane 4 : 14-3-3 zeta (YWHAZ) Human Recombinant Protein 10 ng,
with DDDK tagged

Lane 5 : 14-3-3 eta (YWHAH) Human Recombinant Protein 10 ng,
with DDDK tagged

Lane 6 : 14-3-3 theta (YWHAQ) Human Recombinant Protein 10
ng, with DDDK tagged

Lane 7 : 14-3-3 sigma (SFN) Human Recombinant Protein 10 ng,
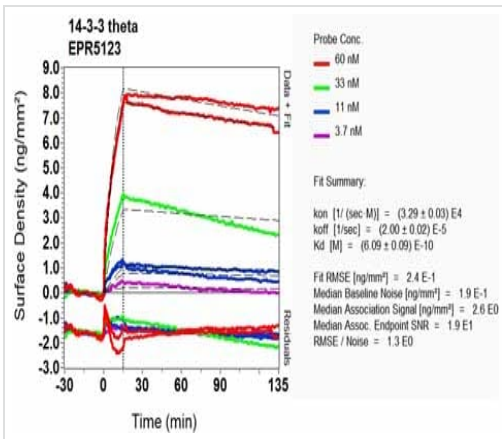with DDDK tagged

Secondary

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

Predicted band size: 28 kDa

Observed band size: 28 kDa

Exposure time: 3 seconds

Blocking and dilution buffer: 5% NFDM/TBST

OI-RD Scanning - Anti-14-3-3 Theta + Tau antibody [EPR5123] (ab124909)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

Anti-14-3-3 Theta + Tau antibody [EPR5123]

(ab124909)

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