


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

リコンビナント RabMAb

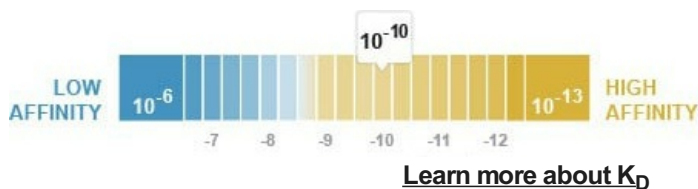
1 References [画像数 5](#)

製品の概要

製品名	Anti-14-3-3 Theta + Tau antibody [EPR5123]
製品の詳細	Rabbit monoclonal [EPR5123] to 14-3-3 Theta + Tau
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB 適用なし: IHC-P or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide within Human 14-3-3 Theta + Tau (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HeLa, 293T, A549 and A431 cell lysates; A549 cells, WB: 14-3-3 theta (YWHAQ) Human Recombinant Protein
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 6.09 x 10 ⁻¹⁰ M



バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5123
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab124909の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

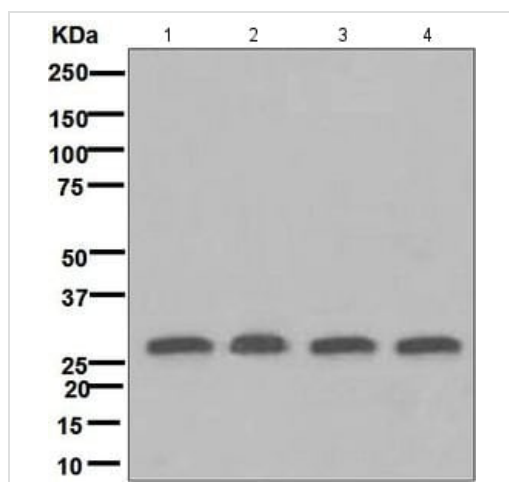
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/500 - 1/1000. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).

追加情報 Is unsuitable for IHC-P or IP.

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the 14-3-3 family.
翻訳後修飾	Ser-232 is probably phosphorylated by CK1.
細胞内局在	Cytoplasm. In neurons, axonally transported to the nerve terminals.

画像



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

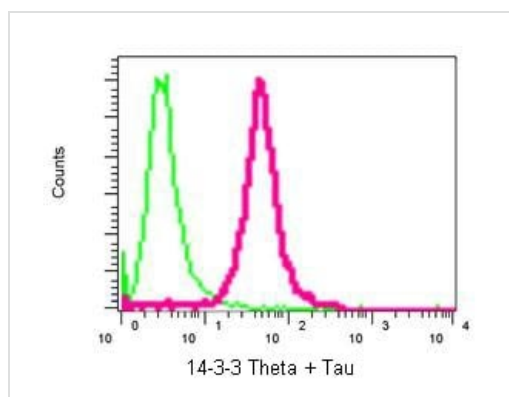
Lysates/proteins at 10 µg per lane.

Secondary

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

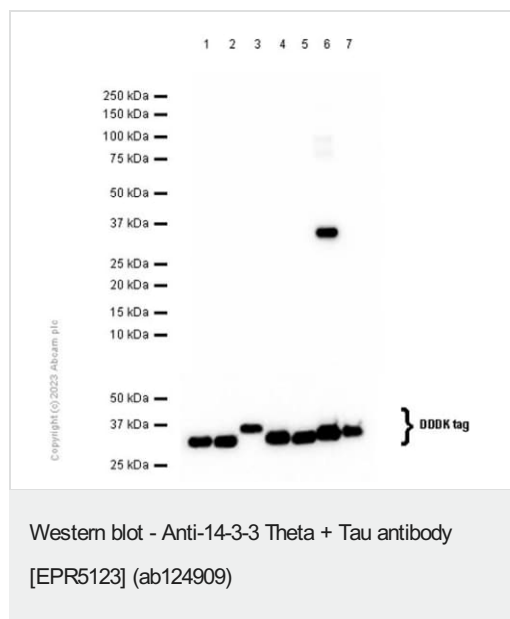
Predicted band size: 28 kDa

Observed band size: 28 kDa



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

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



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

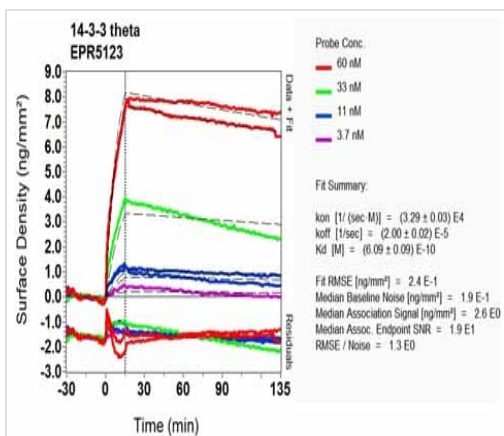
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 28 kDa

Observed band size: 28 kDa

Exposure time: 3 seconds

Blocking and dilution buffer: 5% NFDM/TBST



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

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a
recombinant antibody?



**Research with
confidence**
Consistent and
reproducible results



**Long-term and
scalable supply**
Recombinant
technology



**Success from the
first experiment**
Confirmed
specificity



**Ethical standards
compliant**
Animal-free
production

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

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