

Anti-FKBP52 antibody [EPR6619] ab124906

リコンビナント RabMAb

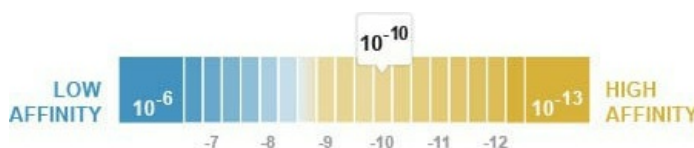
1 References [画像数 4](#)

製品の概要

製品名	Anti-FKBP52 antibody [EPR6619]
製品の詳細	Rabbit monoclonal [EPR6619] to FKBP52
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt (Intra) or ICC/IF
種交差性	交差種: Human 非交差種: Mouse, Rat
免疫原	Synthetic peptide within Human FKBP52 aa 400-500 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HeLa, MCF7, Jurkat and K562 cell lysates; Human breast tissue
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 = 1.38 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

バッファー	pH: 7.20
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	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	EPR6619
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ab124906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。

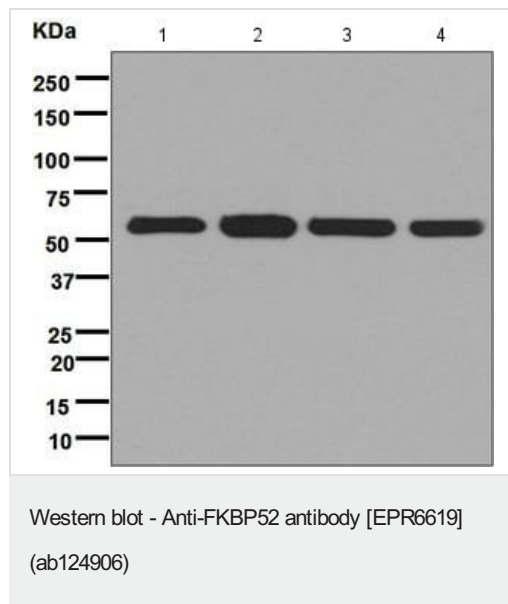
アプリケーション	Abreviews	特記事項
WB		1/50000 - 1/200000. Detects a band of approximately 52 kDa (predicted molecular weight: 52 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報 Is unsuitable for Flow Cyt (Intra) or ICC/IF.

ターゲット情報

機能	Immunophilin protein with PPlase and co-chaperone activities (By similarity). Component of unliganded steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments (By similarity). The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly.
組織特異性	Widely expressed.
配列類似性	Contains 2 PPlase FKBP-type domains. Contains 3 TPR repeats.
ドメイン	The PPlase activity is mainly due to the first PPlase FKBP-type domain (1-138 AA). The C-terminal region (AA 375-458) is required to prevent tubulin polymerization. The chaperone activity resides in the C-terminal region, mainly between amino acids 264 and 400.
翻訳後修飾	Phosphorylation by CK2 results in loss of HSP90 binding activity (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm > cytosol. Nucleus. Cytoplasm > cytoskeleton.

画像



All lanes : Anti-FKBP52 antibody [EPR6619] (ab124906) at 1/50000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : MCF7 cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : K562 cell lysate

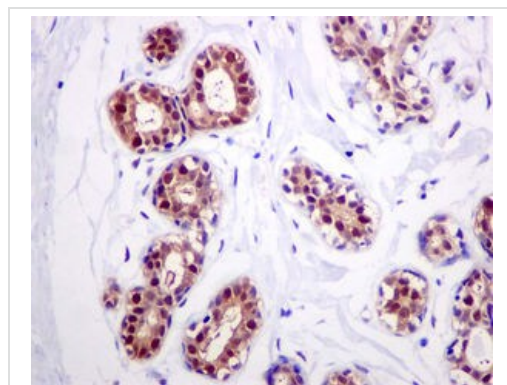
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 52 kDa

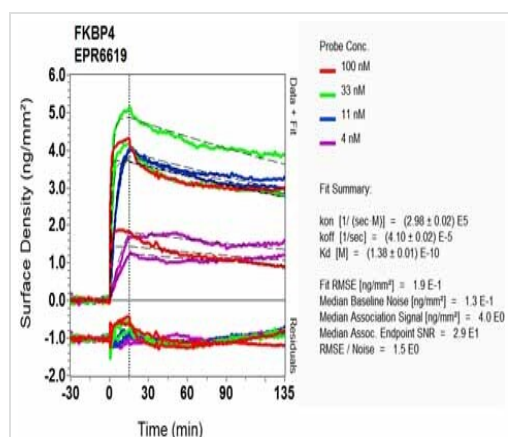
Observed band size: 52 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FKBP52 antibody [EPR6619] (ab124906)

ab124906, at 1/100 dilution, staining FKBP52 in paraffin-embedded Human breast tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



OxLD Scanning - Anti-FKBP52 antibody [EPR6619] (ab124906)

Equilibrium disassociation 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-FKBP52 antibody [EPR6619] (ab124906)

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