

Anti-FANCB antibody [EPR15513] ab186729

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **1 References** 画像数 6

製品の概要

製品名	Anti-FANCB antibody [EPR15513]
製品の詳細	Rabbit monoclonal [EPR15513] to FANCB
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), IHC-P, IP, WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HeLa, A549, 293T, U87-MG, C6, Raw264.7 and PC12 cell lysates; Human endometrial adenocarcinoma tissue; 293 cells.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR15513
アイソタイプ	IgG

アプリケーション

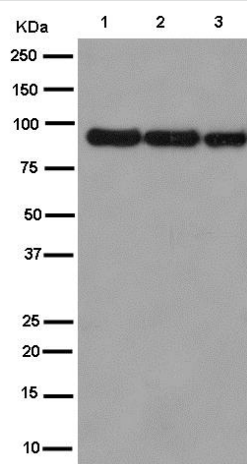
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab186729の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/120. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/30 - 1/50.
WB		1/1000 - 1/10000. Detects a band of approximately 98 kDa (predicted molecular weight: 98 kDa).

ターゲット情報

機能	DNA repair protein required for FANCD2 ubiquitination.
関連疾患	<p>Defects in FANCB are the cause of Fanconi anemia complementation group B (FANCB) [MIM:300514]. It is a disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage) and defective DNA repair.</p> <p>Defects in FANCB are the cause of X-linked VACTERL-H (XVACTERL-H) [MIM:314390]; also known as X-linked VACTERL association with hydrocephalus syndrome. VACTERL is an acronym for vertebral anomalies, anal atresia, cardiac malformations, tracheoesophageal fistula, renal anomalies (urethral atresia with hydronephrosis), and limb anomalies (hexadactyly, humeral hypoplasia, radial aplasia, and proximally placed thumb). Some cases of VACTERL-H are associated with increased chromosome breakage and rearrangement.</p>
細胞内局在	Nucleus.

画像



Western blot - Anti-FANCB antibody [EPR15513]
(ab186729)

All lanes : Anti-FANCB antibody [EPR15513] (ab186729) at
1/1000 dilution

Lane 1 : C6 cell lysate

Lane 2 : Raw264.7 cell lysate

Lane 3 : PC12 cell lysate

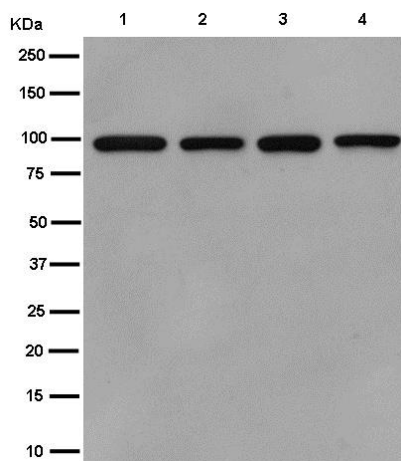
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at
1/1000 dilution

Predicted band size: 98 kDa

Observed band size: 98 kDa



Western blot - Anti-FANCB antibody [EPR15513]
(ab186729)

All lanes : Anti-FANCB antibody [EPR15513] (ab186729)

Lane 1 : HeLa cell lysate

Lane 2 : A549 cell lysate

Lane 3 : 293T cell lysate

Lane 4 : U87-MG cell lysate

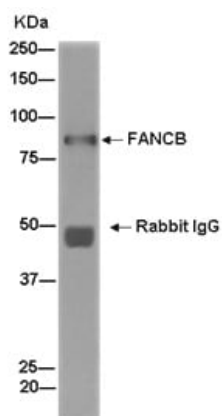
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at
1/1000 dilution

Predicted band size: 98 kDa

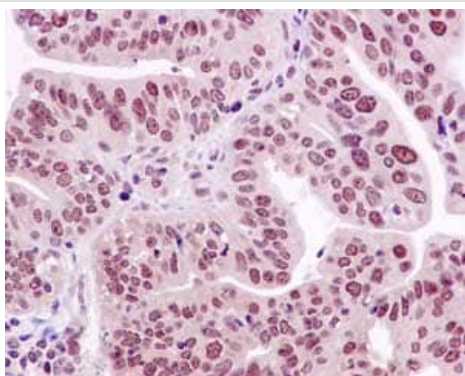
Observed band size: 98 kDa



Immunoprecipitation - Anti-FANCB antibody
[EPR15513] (ab186729)

Western blot analysis of FANCB in 293T cell lysate immunoprecipitated with ab186729 at 1/50 dilution

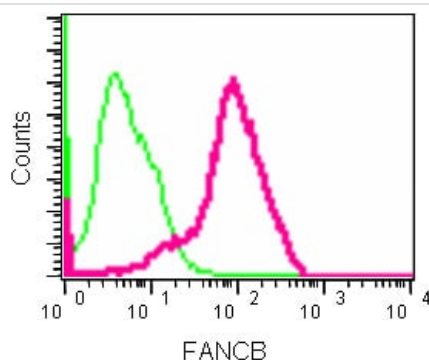
Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FANCB antibody
[EPR15513] (ab186729)

Immunohistochemical analysis of paraffin-embedded Human endometrial adenocarcinoma tissue labeling FANCB with ab186729 at 1/500 dilution. A Ready to use HRP Polymer for Rabbit IgG (prediluted) was used as secondary. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-FANCB antibody [EPR15513] (ab186729)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed 293 cells labeling FANCB with ab186729 at 1/120 dilution, compared to a Rabbit monoclonal IgG isotype control. A Goat anti rabbit IgG (FITC) at 1/150 dilution was used as secondary antibody.

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-FANCB antibody [EPR15513] (ab186729)

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