

Anti-FANCB antibody [EPR15513] ab186729

重组 RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [6 图像](#)

概述

产品名称	Anti-FANCB抗体[EPR15513]
描述	兔单克隆抗体[EPR15513] to FANCB
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IHC-P, IP, WB
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	HeLa, A549, 293T, U87-MG, C6, Raw264.7 and PC12 cell lysates; Human endometrial adenocarcinoma tissue; 293 cells.
常规说明	<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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR15513
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab186729 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)		1/120. 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).

靶标

功能

DNA repair protein required for FANCD2 ubiquitination.

疾病相关

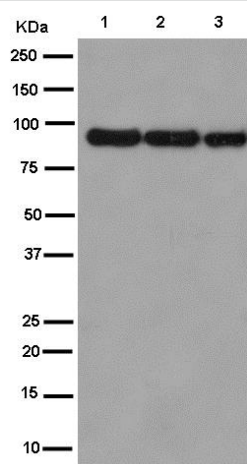
Defects in FANCB are the cause of Fanconi anemia complementation group B (FANCB) [MIM:300514]. It is a disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition 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.

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.

细胞定位

Nucleus.

图片



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

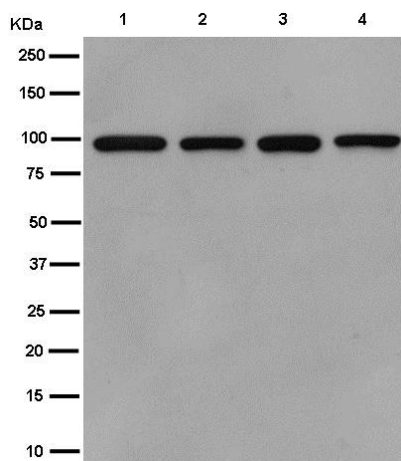
Lysates/proteins at 10 µg per lane.

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

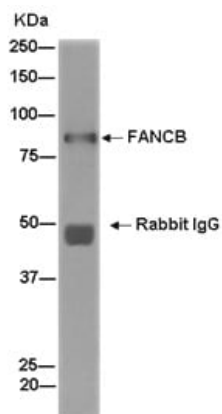
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 98 kDa

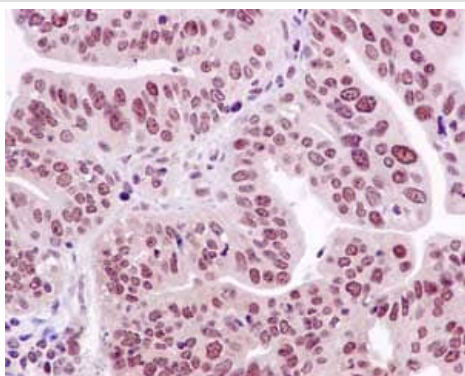
Observed band size: 98 kDa



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

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

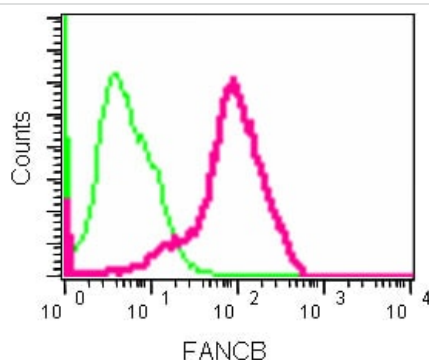
Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase
conjugate at 1/1000 dilution.



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)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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