


Anti-GFM1 antibody [EPR12263-33] ab173529

リコンビナント **RabMAb**

★★★★★ [1 Abreviews](#) [4 References](#) [画像数 4](#)

製品の概要

製品名	Anti-GFM1 antibody [EPR12263-33]
製品の詳細	Rabbit monoclonal [EPR12263-33] to GFM1
由来種	Rabbit
アプリケーション	適用あり: WB, IP, ICC/IF 適用なし: Flow Cyt or IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Recombinant fragment within Human GFM1. The exact sequence is proprietary. Database link: Q96RP9
ポジティブ・コントロール	HeLa, NCI-H460, U87-MG and 293T cell lysates. HeLa cells. Immunoprecipitation pellet from HeLa whole cell lysate (ab150035).
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 +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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant

ポリ/モノ	モノクローナル
クローン名	EPR12263-33
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ab173529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。

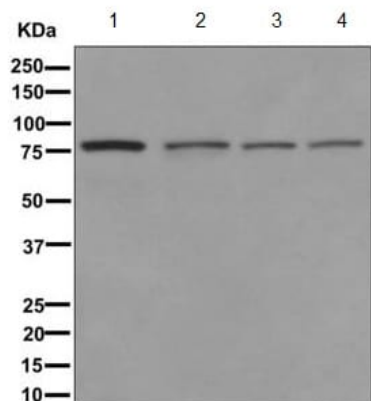
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 83 kDa.
IP		1/10 - 1/100.
ICC/IF		1/50 - 1/100.

追加情報 Is unsuitable for Flow Cyt or IHC-P.

ターゲット情報

機能	Mitochondrial GTPase that catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome. Does not mediate the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis.
パスウェイ	Protein biosynthesis; polypeptide chain elongation.
関連疾患	Defects in GFM1 are the cause of combined oxidative phosphorylation deficiency type 1 (COXPD1) [MIM:609060]. It leads to early fatal progressive hepatoencephalopathy.
配列類似性	Belongs to the GTP-binding elongation factor family. EF-G/EF-2 subfamily.
細胞内局在	Mitochondrion.

画像



Western blot - Anti-GFM1 antibody [EPR12263-33] (ab173529)

All lanes : Anti-GFM1 antibody [EPR12263-33] (ab173529) at 1/1000 dilution

Lane 1 : HeLa cell lysate

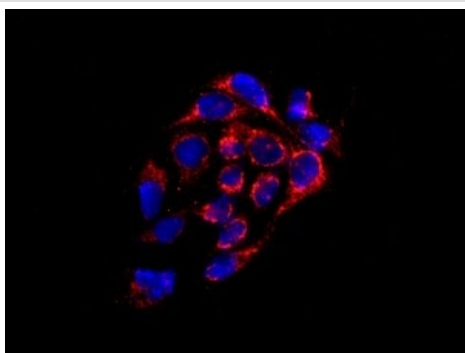
Lane 2 : NCI-H460 cell lysate

Lane 3 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

Lane 4 : 293T (Human embryonic kidney epithelial cell) cell lysate

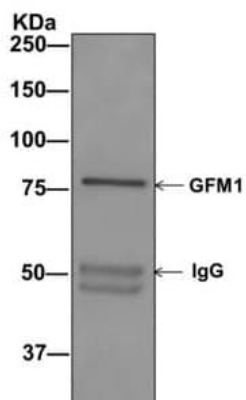
Lysates/proteins at 10 µg per lane.

Predicted band size: 83 kDa



Immunocytochemistry/ Immunofluorescence - Anti-GFM1 antibody [EPR12263-33] (ab173529)

Immunofluorescence analysis of HeLa cells labeling GFM1 with ab173529 at a 1/50 dilution.



Western blot analysis on immunoprecipitation pellet from HeLa cell lysate: ab173529 at a 1/10 dilution was used for immunoprecipitate GFM1.

Immunoprecipitation - Anti-GFM1 antibody
[EPR12263-33] (ab173529)

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-GFM1 antibody [EPR12263-33] (ab173529)

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