

Anti-Interferon beta antibody [EPR23341-7] ab275880

重组 RabMAb

4 图像

概述

产品名称	Anti-Interferon beta抗体[EPR23341-7]
描述	兔单克隆抗体[EPR23341-7] to Interferon beta
宿主	Rabbit
经测试应用	适用于: IP, WB 不适用于: Flow Cyt, ICC/IF, IHC-Fr or IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Recombinant Human IFN- β protein; A549 (transfected with 400 ng/ml poly(I:C) for 24 hours, 300ng/ml BFA was added to cells 4 hours after the start of the transfection) whole cell lysate. IP: A549 (transfected with 400 ng/ml poly(I:C) for 24 hours, 300ng/ml BFA was added to cells 4 hours after the start of the transfection) whole cell lysate.
常规说明	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 .

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	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR23341-7

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab275880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
IP		1/30.
WB		1/1000. Detects a band of approximately 18, 19, 22 kDa (predicted molecular weight: 22 kDa).

应用说明

Is unsuitable for Flow Cyt, ICC/IF, IHC-Fr or IHC-P.

靶标

功能

Has antiviral, antibacterial and anticancer activities.

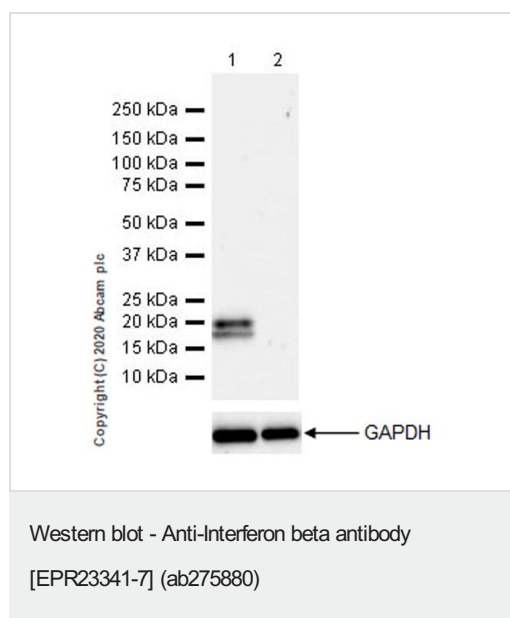
序列相似性

Belongs to the alpha/beta interferon family.

细胞定位

Secreted.

图片



All lanes : Anti-Interferon beta antibody [EPR23341-7] (ab275880) at 1/1000 dilution

Lane 1 : A549 (human lung carcinoma epithelial cell) transfected with 400ng/ml poly(I:C) for 24 hours, 300ng/ml BFA was added to cells 4 hours after the start of the transfection, whole cell lysate

Lane 2 : A549 transfected with water instead of poly I:C for 24 hours, 300ng/ml BFA was added to cells 4 hours after the start of the transfection, whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

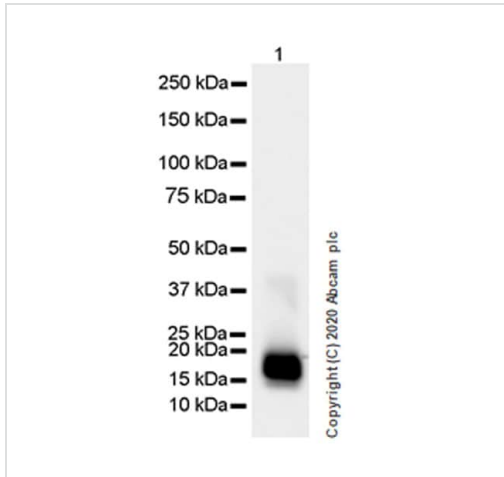
Predicted band size: 22 kDa

Observed band size: 19,22 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST.

The molecular weight observed is consistent with what has been described in the literature (PMID:7352261).

Exposure time: 97 seconds.



Western blot - Anti-Interferon beta antibody [EPR23341-7] (ab275880)

Anti-Interferon beta antibody [EPR23341-7] (ab275880) at 1/1000 dilution + Recombinant Human IFN-beta protein, 10 ng

Secondary

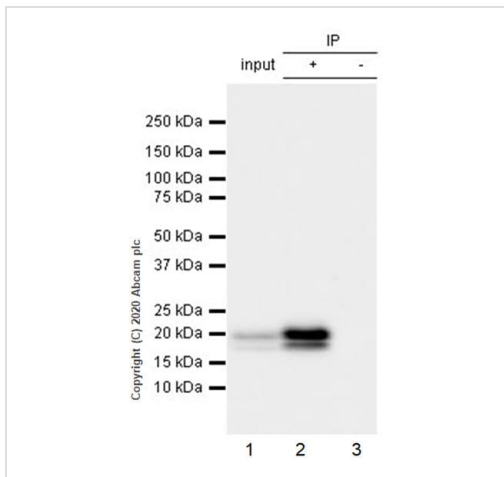
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

Predicted band size: 22 kDa

Observed band size: 18 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST

Exposure time: 3 seconds.



Immunoprecipitation - Anti-Interferon beta antibody [EPR23341-7] (ab275880)

Interferon beta was immunoprecipitated from 0.35 mg A549 (human lung carcinoma epithelial cell) (transfected with 400ng/ml poly(I:C) for 4 hours, then 300ng/ml BFA was added for the last 20 hours) whole cell lysate with ab275880 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab275880 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

Lane 1: A549 (transfected with 400ng/ml poly(I:C) for 4 hours, then 300ng/ml BFA was added for the last 20 hours) whole cell lysate 10 ug

Lane 2: ab275880 IP in A549 (transfected with 400ng/ml poly(I:C) for 4 hours, then 300ng/ml BFA was added for the last 20 hours) whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab275880 in A549 (transfected with 400ng/ml poly(I:C) for 4 hours, then 300ng/ml BFA was added for the last 20 hours) whole cell lysate

Blocking and dilution buffer and concentration: 5% NFD/MTBST.

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-Interferon beta antibody [EPR23341-7]
(ab275880)

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

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