abcam

Product datasheet

Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] ab124933



重组 RabMAb

11 References 4 图像

概述

产品名称 Anti-Dishevelled 2 (phospho S143)抗体[EPNCIR145]

描述 兔单克隆抗体[EPNCIR145] to Dishevelled 2 (phospho S143)

宿主 Rabbit

经测试应用 适用于: WB

不适用于: Flow Cyt,ICC/IF or IHC-P

种属反应性 与反应: Mouse, Human

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

(Peptide available as ab173138)

阳性对照 WB: F9 and HEK293 cell lysates.

常规说明 This antibody was developed as part of a collaboration between Epitomics, the National Cancer

Institute's Center for Cancer Research and the lab of Kyung Lee. View antibodies from NCI

Center for Cancer Research Collaboration.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- 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.

Rat: We have preliminary internal testing data to indicate this antibody may not react with this

species. Please contact us for more information.

性能

形式

存放说明 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C.

Stable for 12 months at -20°C.

存储溶液 pH: 7.20

Preservative: 0.01% Sodium azide

Constituents: 40% Glycerol, 0.05% BSA, 59% PBS

纯**度** Protein A purified

克隆 单克隆

克隆编号 EPNCIR145

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab124933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
WB		1/1000. Detects a band of approximately 95 kDa (predicted molecular weight: 78 kDa). Can be blocked with Dishevelled 2 peptide (ab173138). For unpurified use at 1/1000 - 1/10000.

应用说明 Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

功能 Participates in Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members

and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling. Plays a role both in canonical and non-canonical Wnt signaling. Plays a role in the signal transduction pathways mediated by multiple

Wnt genes.

序列相似性 Belongs to the DSH family.

Contains 1 DEP domain. Contains 1 DIX domain.

Contains 1 PDZ (DHR) domain.

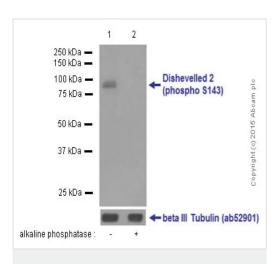
结**构域** The DIX domain mediates homooligomerization.

细胞定位 Cell membrane. Cytoplasm > cytosol. Cytoplasmic vesicle. Localizes at the cell membrane upon

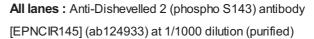
interaction with frizzled family members and promotes their internalization. Localizes to

cytoplasmic puncta.

图片



Western blot - Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] (ab124933)



Lane 1: Untreated F9 cell lysate

Lane 2: Alkaline phosphatase treated F9 cell lysate

Lysates/proteins at 10 µg per lane.

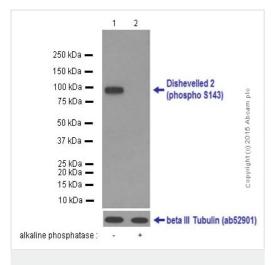
Secondary

All lanes : Peroxidase-conjugated goat anti-rabbit lgG, (H+L) at 1/1000 dilution

Predicted band size: 78 kDa **Observed band size:** 95 kDa



Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] (ab124933)

All lanes : Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] (ab124933) at 1/5000 dilution (purified)

Lane 1: Untreated HEK293 cell lysate

Lane 2: Alkaline phosphatase treated HEK293 cell lysate

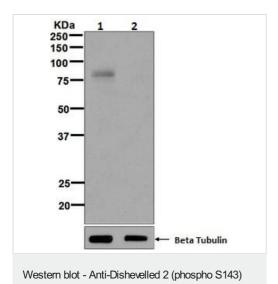
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Peroxidase-conjugated goat anti-rabbit lgG, (H+L) at 1/1000 dilution

Predicted band size: 78 kDa **Observed band size:** 95 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



antibody [EPNCIR145] (ab124933)

All lanes : Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] (ab124933) at 1/1000 dilution (unpurified)

Lane 1: F9 cell lysate untreated

Lane 2: F9 cell lysate treated with Alkaline Phosphatase

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 78 kDa **Observed band size:** 95 kDa



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

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