

Product datasheet

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

 RabMAb

4 References 3 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
特异性	ab124933 only detects Dishevelled 2 phosphorylated at Serine 143.
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 (the amino acid sequence is considered to be commercially sensitive) corresponding to Human Dishevelled 2 (phospho S143). (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. Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team. This product is a recombinant rabbit monoclonal antibody.

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. 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

Our [Abpromise guarantee](#) covers the use of **ab124933** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

靶标

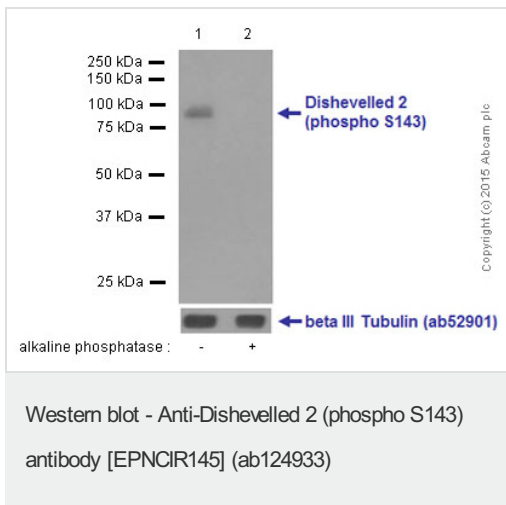
功能 Participates in Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling. Plays a role both in canonical and non-canonical Wnt signaling. 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



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

Lane 1 : Untreated F9 cell lysate

Lane 2 : Alkaline phosphatase treated F9 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

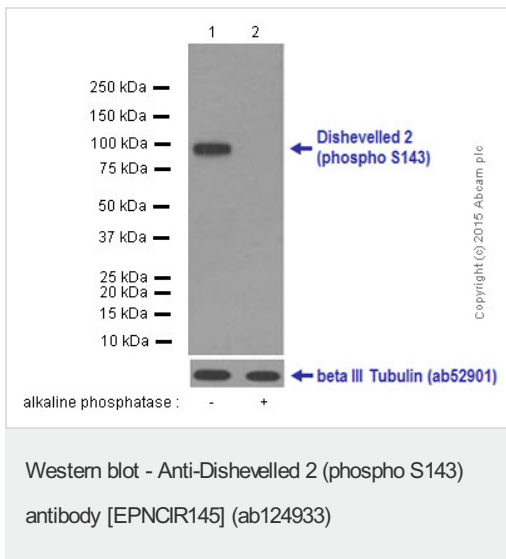
All lanes : Peroxidase-conjugated goat anti-rabbit IgG, (H+L) at 1/1000 dilution

Predicted band size: 78 kDa

Observed band size: 95 kDa

[why is the actual band size different from the predicted?](#)

Blocking and dilution buffer: 5% NFDM/TBST.



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.

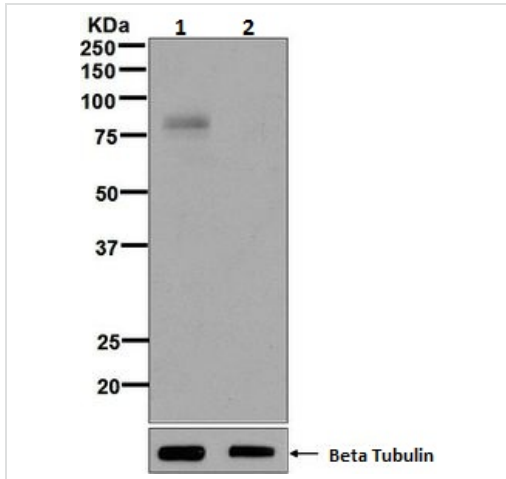
Secondary

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

Predicted band size: 78 kDa

Observed band size: 95 kDa [why is the actual band size different from the predicted?](#)

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 1/1000 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 IgG at 1/2000 dilution

Predicted band size: 78 kDa

Observed band size: 95 kDa [why is the actual band size different from the predicted?](#)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors