

Product datasheet

Anti-WIF1 antibody [EPR9385] - BSA and Azide free ab249191

Recombinant RabMAb

[6 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-WIF1 antibody [EPR9385] - BSA and Azide free |
| Description | Rabbit monoclonal [EPR9385] to WIF1 - BSA and Azide free |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP Unsuitable for: ICC/IF |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. (Peptide available as ab171766) |
| General notes | <p>ab249191 is the carrier-free version of ab155101.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| Storage buffer | pH: 7.2 Constituent: PBS |
| Carrier free | Yes |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR9385 |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249191 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

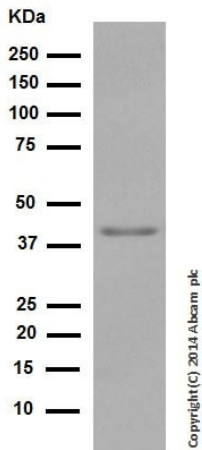
| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 41 kDa. Can be blocked with Human WIF1 peptide (ab171766) . |
| IP | | Use at an assay dependent concentration. |

Application notes Is unsuitable for ICC/IF.

Target

| | |
|------------------------------|--|
| Function | Binds to WNT proteins and inhibits their activities. May be involved in mesoderm segmentation. |
| Sequence similarities | Contains 5 EGF-like domains. Contains 1 WIF domain. |
| Cellular localization | Secreted. |

Images



Western blot - Anti-WIF1 antibody [EPR9385] - BSA and Azide free (ab249191)

Anti-WIF1 antibody [EPR9385] (**ab155101**) at 1/2000 dilution (purified) + Human fetal heart tissue lysate at 20 µg

Secondary

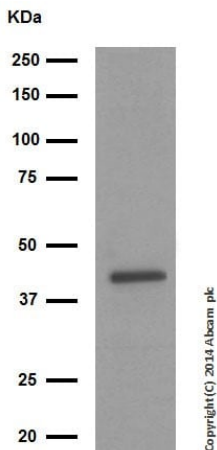
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

This data was developed using **ab155101**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-WIF1 antibody [EPR9385] - BSA and Azide free (ab249191)

Anti-WIF1 antibody [EPR9385] (**ab155101**) at 1/5000 dilution (purified) + Human fetal lung tissue lysate at 10 µg

Secondary

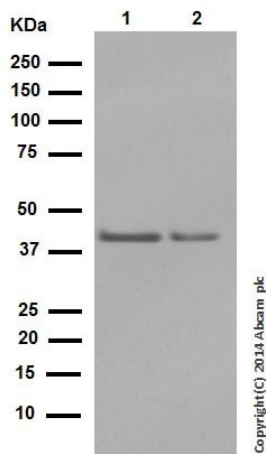
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

This data was developed using **ab155101**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-WIF1 antibody [EPR9385] - BSA and Azide free (ab249191)

All lanes : Anti-WIF1 antibody [EPR9385] (**ab155101**) at 1/1000 dilution (purified)

Lane 1 : Mouse heart tissue lysate

Lane 2 : Rat heart tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

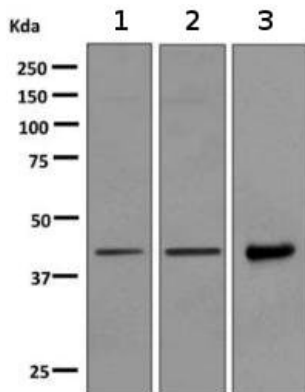
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

This data was developed using **ab155101**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-WIF1 antibody [EPR9385] - BSA and Azide free (ab249191)

All lanes : Anti-WIF1 antibody [EPR9385] (**ab155101**) at 1/1000 dilution (unpurified)

Lane 1 : HT29 cell lysate

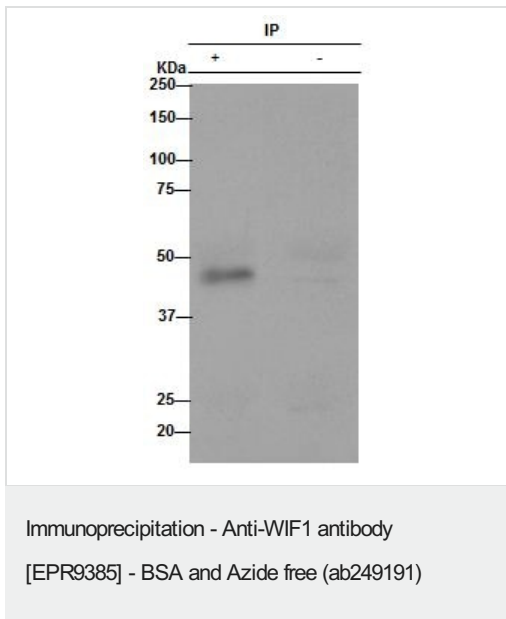
Lane 2 : HeLa cell lysate

Lane 3 : Human fetal lung tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 41 kDa

This data was developed using **ab155101**, the same antibody clone in a different buffer formulation.



This data was developed using **ab155101**, the same antibody clone in a different buffer formulation.

Purified **ab155101** (1/60) immunoprecipitating WIF1 in human fetal lung whole cell lysate (Lane +). For western blotting an Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG (1/500) was used as the secondary antibody.

Lane (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab155101** in Human fetal lung whole cell lysate.

Blocking and dilution buffer: 5% NFDm/TBST.

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-WIF1 antibody [EPR9385] - BSA and Azide free (ab249191)

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

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