

Product datasheet

Anti-ZNF24 antibody [EPR13975] ab180121

Recombinant RabMAb

1 References 3 Images

Overview

Product name	Anti-ZNF24 antibody [EPR13975]
Description	Rabbit monoclonal [EPR13975] to ZNF24
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human ZNF24 aa 100-200. The exact sequence is proprietary. Database link: P17028
Positive control	HeLa cells; Jurkat, HeLa and 293 cell lysates.
General notes	

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](#).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise[™] guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR13975
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab180121** in the following tested applications.

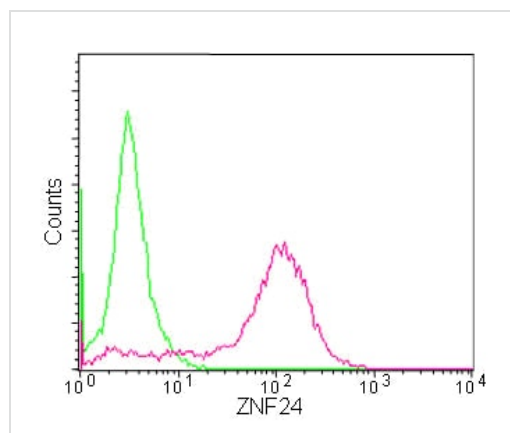
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 42 kDa).
Flow Cyt		1/10. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

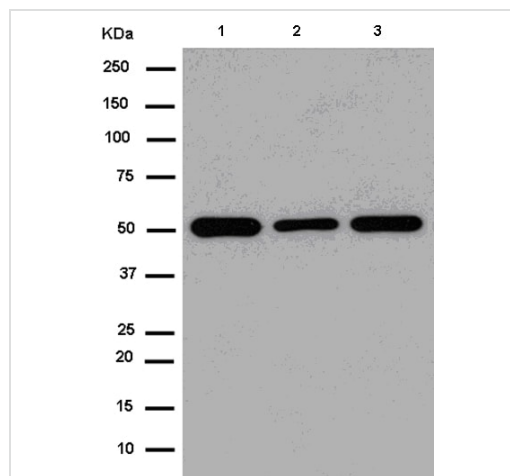
Function	Transcription factor required for myelination of differentiated oligodendrocytes. Required for the conversion of oligodendrocytes from the premyelinating to the myelinating state. In the developing central nervous system (CNS), involved in the maintenance in the progenitor stage by promoting the cell cycle. Specifically binds to the 5'-TCAT-3' DNA sequence (By similarity). Has transcription repressor activity in vitro.
Tissue specificity	Expressed in many tissues except in heart.
Sequence similarities	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 4 C2H2-type zinc fingers. Contains 1 SCAN box domain.
Post-translational modifications	Sumoylated.

Images



Flow Cytometry - Anti-ZNF24 antibody [EPR13975]
(ab180121)

Flow cytometric analysis of HeLa cells (paraformaldehyde-fixed, 2%) labeling ZNF24 with ab180121 at 1/10 dilution (red) or a rabbit IgG (negative) (green), followed by secondary Goat anti rabbit IgG (FITC) at 1/75 dilution. Isotype control Rabbit IgG.



Western blot - Anti-ZNF24 antibody [EPR13975]
(ab180121)

All lanes : Anti-ZNF24 antibody [EPR13975] (ab180121) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : 293 cell 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: 42 kDa

Observed band size: 50 kDa

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

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-ZNF24 antibody [EPR13975] (ab180121)

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

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- 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

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