

Product datasheet

Anti-NADSYN1 antibody [EPR10611] **ab171942**

Recombinant **RabMAb**

3 References [6 Images](#)

Overview

Product name	Anti-NADSYN1 antibody [EPR10611]
Description	Rabbit monoclonal [EPR10611] to NADSYN1
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, IHC-P, ICC/IF Unsuitable for: IP
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa and 293T cell lysates; Human cervical carcinoma and testis tissues; HeLa cells.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR10611

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab171942 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
Flow Cyt (Intra)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/5000. Predicted molecular weight: 79 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/50 - 1/100.

Application notes

Is unsuitable for IP.

Target

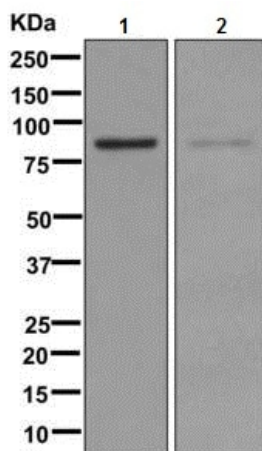
Pathway

Cofactor biosynthesis; NAD(+) biosynthesis; NAD(+) from deamido-NAD(+) (L-Gln route): step 1/1.

Sequence similarities

In the C-terminal section; belongs to the NAD synthetase family.
Contains 1 CN hydrolase domain.

Images



Western blot - Anti-NADSYN1 antibody [EPR10611]
(ab171942)

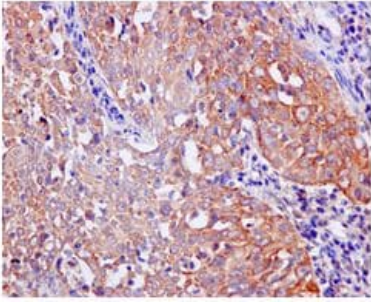
All lanes : Anti-NADSYN1 antibody [EPR10611] (ab171942) at
1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lysates/proteins at 10 µg per lane.

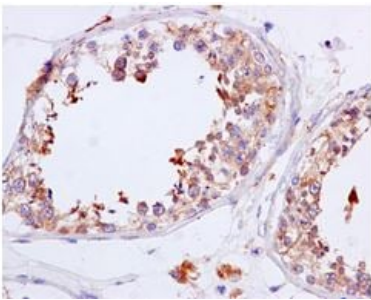
Predicted band size: 79 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NADSYN1 antibody [EPR10611] (ab171942)

Immunohistochemical analysis of paraffin-embedded Human cervical carcinoma tissue labeling NADSYN1 with ab171942 at 1/50 dilution.

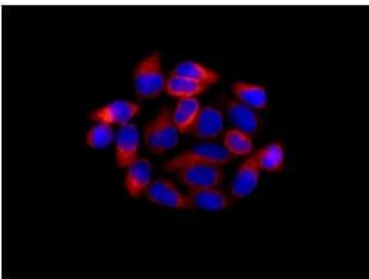
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NADSYN1 antibody [EPR10611] (ab171942)

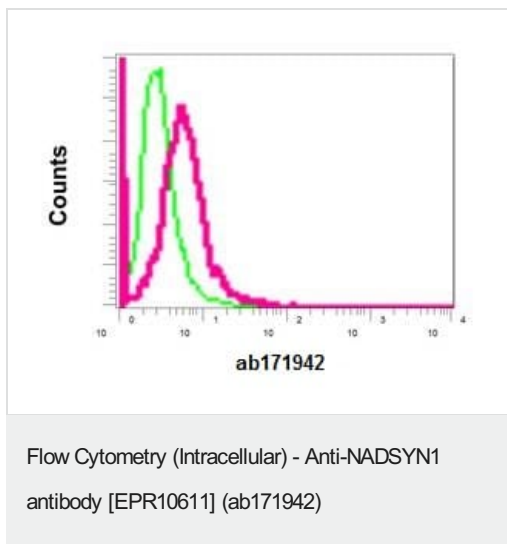
Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling NADSYN1 with ab171942 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.







Immunocytochemistry/ Immunofluorescence - Anti-NADSYN1 antibody [EPR10611] (ab171942)

Immunofluorescent analysis of HeLa cells labeling NADSYN1 with ab171942 at 1/50 dilution.



Intracellular flow cytometric analysis of permeabilized HeLa cells labeling NADSYN1 with ab171942 at 1/100 dilution (red) compared with a Rabbit IgG (negative) (green).

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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