

## PRRS virus Nucleocapsid protein antibody

**Cat. No. GTX129270**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	PRRS virus

References ( 15 )

Package

100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000

Not tested in other applications.

**Product Note**

This antibody recognizes Nucleocapsid protein of PRRSV Lelystad / TSYN-P1 / MD006-P1 and may cross react with PRRSV US5 and VR-2332.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length PRRS virus Nucleocapsid recombinant protein. (PRRS virus (strain US5))
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

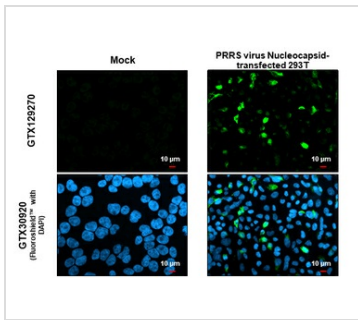
**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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**DATA IMAGES**

**GTx129270 ICC/IF Image**

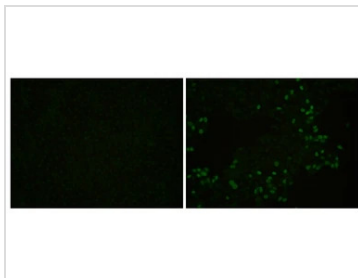
PRRS virus Nucleocapsid protein antibody detects PRRS virus Nucleocapsid protein protein at cytoplasm by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

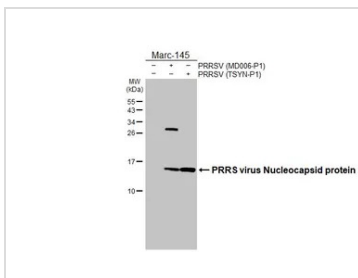
Green: PRRS virus Nucleocapsid protein stained by PRRS virus Nucleocapsid protein antibody (GTx129270) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

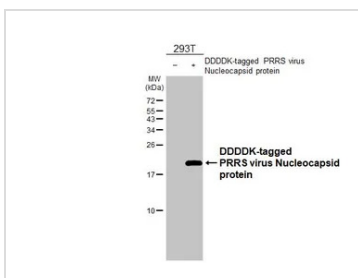
Scale bar= 10μm.


**GTx129270 ICC/IF Image**

Immunofluorescent analysis of PRRSV infected Marc-145 cells using PRRS Virus Nucleocapsid protein antibody . Sample: Marc-145 cells mock (left) and infected with North American (type II) genotypes PRRSV (right) were fixed in 4% formaldehyde at 4°C for 10 min. Green: PRRS Virus Nucleocapsid protein stained by PRRS Virus Nucleocapsid protein antibody (GTx129270) diluted at 1:1000.


**GTx129270 WB Image**

Non-infected (–) and infected (+) Marc-145 whole cell extracts (5 μg) were separated by 15% SDS-PAGE, and the membrane was blotted with PRRS virus Nucleocapsid protein antibody (GTx129270) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx129270 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 μg) were separated by 15% SDS-PAGE, and the membrane was blotted with PRRS virus Nucleocapsid protein antibody (GTx129270) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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