Datasheet for ABIN2178629

anti-PRRSV antibody

1 Image

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Overview

Quantity:	100 µL
Target:	PRRSV
Reactivity:	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRRSV antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Derived from an inactive PRRSV vaccine strain NVDC-JXA1
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	PRRSV
Purification:	Purified by Protein A.

Target Details

Target:	PRRSV
Abstract:	PRRSV Products
Target Type:	Virus

Target Details

Background:	Synonyms: Porcine reproductive and respiratory syndrome, PRRS. Background: PRRSV belongs to the family Arteriviridae in the genus Arterivirus, order Nidovirales. This group also includes lactate dehydrogenase-elevating virus (LDV) of mice, equine arteritis virus (EAV) and simian hemorrhagic fever virus (SHFV). PRRSV is a small, enveloped virus of 45-70 nm in diameter. Its genome consists of a polyadenylated, single-stranded, non-segmented, positivesense RNA polycystronic molecule of 15.1-15.5 kb. It contains, in the 5 to 3 direction, a 5 leader sequence, at least 10 open reading frames (ORF1a, ORF1b and ORFs 2a, 2b, 3, 4, 5, 5a, 6 and 7) and a 3 non-translated region. ORF1a and ORF1b are located directly downstream of the 5 leader and encode a large replicase polyprotein, which is thought to be autoproteolytically cleaved into at least 13 smaller non-structural proteins including a viral RNA-dependent RNA polymerase.

Application Details

Application Notes:	IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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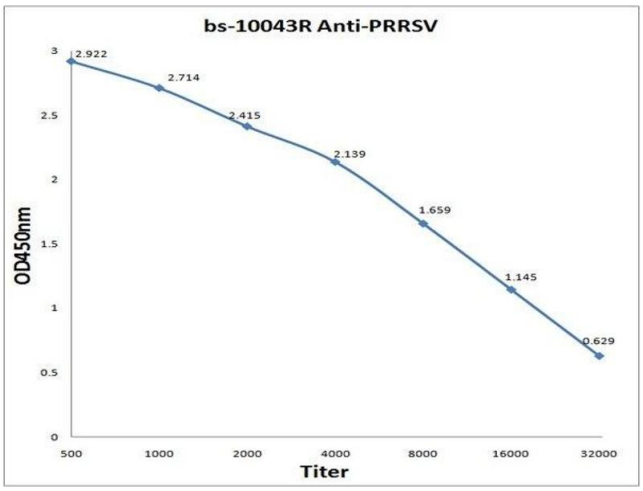

ELISA

Image 1. Antigen: 0.2ug/100ul Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat Anti-Rabbit IgG -HRP) at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm.

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