Datasheet for ABIN7383848

anti-MERS-CoV Nucleocapsid antibody

Go to Product page

Overview

Quantity:	50 µL
Target:	MERS-CoV Nucleocapsid (MERS-CoV N)
Reactivity:	Middle East Respiratory Syndrome Coronavirus (MERS-CoV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MERS-CoV Nucleocapsid antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant MERS-CoV Nucleoprotein / NP protein (His Tag), ABIN7198809
Clone:	1E1
Isotype:	IgG1
Specificity:	Anti-MERS-CoV Nucleocapsid Monoclonal Antibody
Purification:	Protein A Affinity

Target Details

Target:	MERS-CoV Nucleocapsid (MERS-CoV N)
Alternative Name:	MERS-CoV Nucleocapsid (MERS-CoV N Products)
Background:	Coronavirus NP,coronavirus Nucleocapsid,coronavirus Nucleoprotein,cov np,ncov NP,novel coronavirus Nucleoprotein,NP,Nucleocapsid,Nucleoprotein,Coronaviruses are enveloped

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Target Details

viruses with a positive-sense RNA genome and with a nucleocapsid of helical symmetry. Coronavirus nucleoproteins localize to the cytoplasm and the nucleolus, a subnuclear structure, in both virus-infected primary cells and in cells transfected with plasmids that express N protein. Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. During virion assembly, N protein binds to viral RNA and leads to formation of the helical nucleocapsid. Nucleocapsid protein is a highly immunogenic phosphoprotein also implicated in viral genome replication and in modulating cell signaling pathways. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

Application Details

Application Notes:	WB 1:1000-1:5000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.2 µm filtered solution in PBS
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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