

Product Datasheet

MERS-CoV Spike Protein Antibody (723) - Azide and BSA Free NBP2-90336-200ug

Unit Size: 200 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-90336-200ug

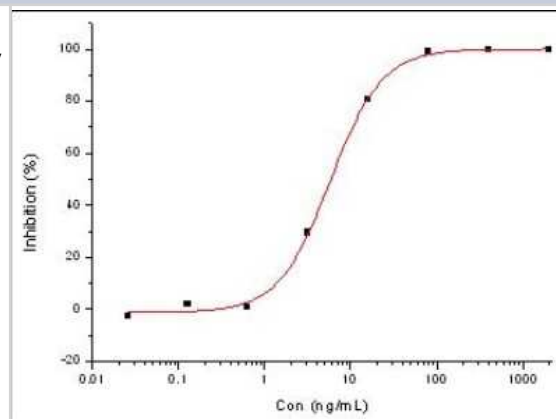
MERS-CoV Spike Protein Antibody (723) - Azide and BSA Free

Product Information	
Unit Size	200 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	723
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	14254594
Gene Symbol	S
Species	MERS-CoV
Specificity/Sensitivity	Has cross-reactivity in ELISA with: MERS-CoV Spike Protein (aa 1-1297) MERS-CoV Spike Protein S1 (aa 1-725) MERS-CoV Spike Protein RBD (aa 367-606) No cross-reactivity in ELISA with: MERS-CoV Spike Protein S2 (aa 726-1296)
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant MERS-CoV (Accession#: AFS88936.1; Met1-Trp1297).
Product Application Details	
Applications	Block/Neutralize
Recommended Dilutions	Block/Neutralize
Application Notes	Microneutralization: Neutralization of MERS-CoV pseudovirus by NBP2-90336. Positive Control:293T/DPP4 cells were infected with MERS-CoV pseudovirus; Negative Control:293T/DPP4 cells without MERS-CoV pseudovirus; NBP2-90336: MERS-CoV pseudovirus infection in 293T/DPP4 cells was inhibited by NBP2-90336. Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user



Images

Block/Neutralize: MERS-CoV Spike Protein Antibody (723) [NBP2-90336] - MERS-CoV Spike Protein antibody (723) measured by its ability to inhibit infection of Caco-2 cells induced by MERS-CoV pseudovirus. The ED50 for this effect is 2.5-11 ng/mL.





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Products Related to NBP2-90336-200ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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