

Product Datasheet

Norovirus VP1 Antibody (A1431) - Chimeric - BSA Free NBP3-43557

Unit Size: 0.2 mg

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

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NBP3-43557

Norovirus VP1 Antibody (A1431) - Chimeric - BSA Free

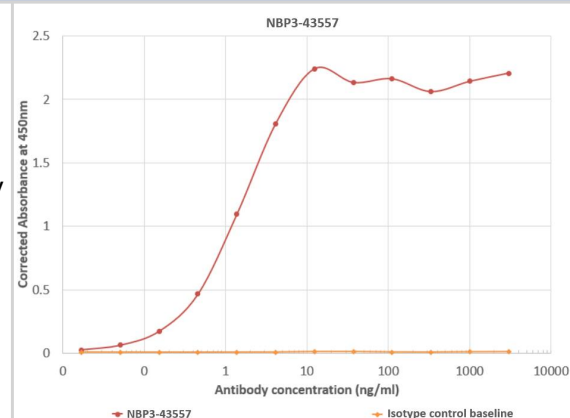
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A1431
Preservative	0.02% Proclin 300
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format for improved compatibility with existing reagents assays and techniques.
Host	Rabbit
Species	Virus
Specificity/Sensitivity	This antibody recognizes conserved residues distal to the HBGA binding pocket but accessible on the assembled VLP. It binds each P domain monomer at a cleft between the P1 and P2 subdomains. Norovirus (NoVs) is one of the main pathogens causing sporadic cases and large outbreaks of acute gastroenteritis, and norovirus can infect people of all ages.
Immunogen	The original antibody was isolated from an anti-NoV GII.4c IgG serum antibody repertoire generated from three donors that experienced a significant increase in GII.4 titer after immunization with the bivalent GII.4c + GI.1 VLP vaccine. (Uniprot# S5YAA0)

Product Application Details	
Applications	ELISA, Block/Neutralize
Recommended Dilutions	ELISA, Block/Neutralize

Images

ELISA: Norovirus VP1 Antibody (A1431) - Chimeric - BSA Free [NBP3-43557] - Binding curves of NBP3-43557 (blue line) and isotype control (NBP2-52638; yellow line) to an ELISA plate coated with Norovirus GII.4 VLP at a concentration of 2.5 ug/ml. A 3-fold serial dilution from 3000 to 0.0169 ng/ml was performed using NBP3-43557 antibody. For signal detection, a 1:4000 dilution of a HRP-conjugated anti-rabbit IgG antibody was used.





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Products Related to NBP3-43557

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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