

Product Datasheet

Chikungunya Virus Antibody (3E7b) - BSA Free NBP2-53118

Unit Size: 0.1 mg

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

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Publications: 2

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NBP2-53118

Chikungunya Virus Antibody (3E7b) - BSA Free

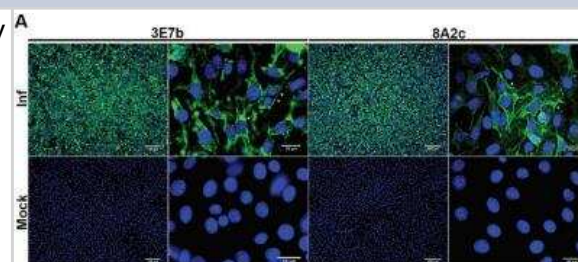
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E7b
Preservative	0.02% Sodium Azide
Isotype	IgM
Purity	Thiophilic Chromatography
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Chikungunya Virus Antibody (3E7b) - BSA Free (NBP2-53118) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Chikungunya Virus Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Virus
Reactivity Notes	Use in Virus reported in scientific literature (PMID:33806252).
Specificity/Sensitivity	Both Anti-CHIKV [3E7b] and Anti-CHIKV [8A2c] bind strongly to native CHIKV surface and potently neutralize CHIKV replication.
Immunogen	Live chikungunya virus

Product Application Details	
Applications	Western Blot, ELISA, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Functional
Application Notes	Both NBP2-53117 and NBP2-53118 bind strongly to native Chikungunya Virus surface and potently neutralize Chikungunya Virus replication. Positive control (s): Infected BHK cells

Images

Immunocytochemistry/Immunofluorescence: Chikungunya virus Antibody (3E7b) [NBP2-53118] - Anti-CHIKV IgM (3E7b) and (8A2c) are used to stain chikungunya virus-infected cells. There is no staining observed in the mock infected cells. DAPI was used to stain the nucleus of the cells.



Publications

Schultz E, Jones T, Clamp H, Barr K Antibodies for Venezuelan Equine Encephalitis Virus Protect Embryoid Bodies from Chikungunya Virus Viruses 2020-03-04 [PMID: 32120905]

SalomAo N, Brendolin M, Rabelo K et al. Spontaneous Abortion and Chikungunya Infection: Pathological Findings Viruses 2021-03-25 [PMID: 33806252] (IF/IHC, Virus)





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Products Related to NBP2-53118

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM 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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