

# 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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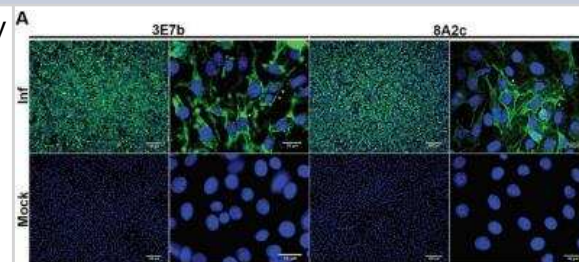
**NBP2-53118**

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	
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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)

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### **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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