

ARG66683 anti-Dengue virus NS4B antibody [SQab19172]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [SQab19172] recognizes Dengue virus NS4B
Tested Reactivity	DEN
Tested Application	ELISA, ICC/IF, WB
Specificity	This antibody recognizes DENV2 and DENV3 Membrane protein
Host	Mouse
Clonality	Monoclonal
Clone	SQab19172
Target Name	Dengue virus NS4B
Species	Dengue virus
Immunogen	Dengue virus NS4B.
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ICC/IF	1:1000
	WB	0.5 µg/ml

Application Note *Western: DENV3 not workable; ELISA: DENV3 not workable.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4) and 0.01% Thimerosal.
Preservative	0.01% Thimerosal
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Highlight

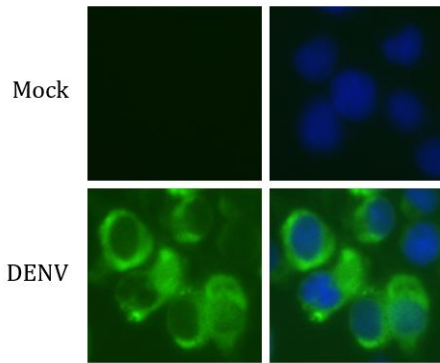
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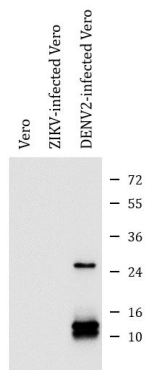
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Images



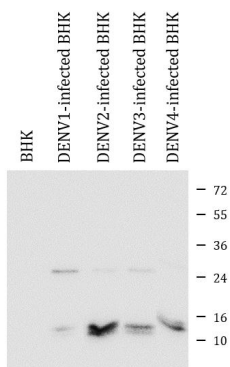
ARG66683 anti-Dengue virus NS4B antibody [SQab19172] ICC/IF image

Immunofluorescence: Mock infected Huh7 cells (upper panel) and DENV infected Huh7 cells (lower panel). Cells were fixed with 4% paraformaldehyde for 30 mins, permeabilized by 0.5% Triton-X 100 for 10 mins and blocked for 1 hour. Cells were stained with ARG66683 anti-Dengue virus NS4B antibody [SQab19172] (green) at 1:1000 dilution, overnight. Nuclear staining (blue).



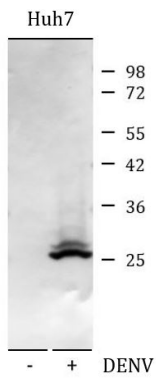
ARG66683 anti-Dengue virus NS4B antibody [SQab19172] WB image

Western blot: 10 µg of Vero, ZIKV-infected Vero and DENV2-infected Vero cells (left to right). Cell lysates were stained with ARG66683 anti-Dengue virus NS4B antibody [SQab19172] at 0.5 µg/ml dilution.



ARG66683 anti-Dengue virus NS4B antibody [SQab19172] WB image

Western blot: 10 µg of BHK, DENV1-infected BHK, DENV2-infected BHK, DENV3-infected BHK and DENV4-infected BHK cells (left to right). Cell lysates were stained with ARG66683 anti-Dengue virus NS4B antibody [SQab19172] at 0.5 µg/ml dilution.



ARG66683 anti-Dengue virus NS4B antibody [SQab19172] WB image

Western blot: DENV infected (right) or uninfected (left) Huh7 cells. Cell lysates were stained with ARG66683 anti-Dengue virus NS4B antibody [SQab19172] at 1:1000 dilution, overnight.