

## ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SQab19170] recognizes Dengue virus Envelope (E) protein
Tested Reactivity	DEN
Tested Application	ELISA, ICC/IF, WB
Specificity	This antibody recognizes DENV2 Envelope protein
Host	Mouse
Clonality	Monoclonal
Clone	SQab19170
Isotype	IgG1, kappa
Target Name	Dengue virus Envelope (E) protein
Species	Dengue virus
Immunogen	Dengue virus Envelope (E) protein.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ICC/IF	1:1000
	WB	0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

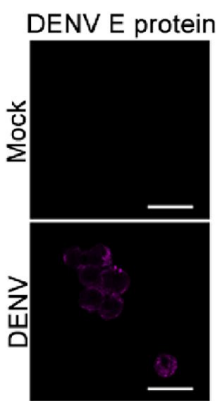
### Properties

Form	Liquid
Purification	Purified by protein A/G.
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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[Dengue virus antibodies](#); [Dengue virus ELISA Kits](#); [Dengue virus Duos / Panels](#);  
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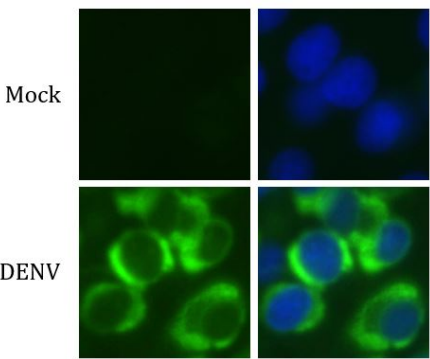
Images



ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170] ICC/IF image

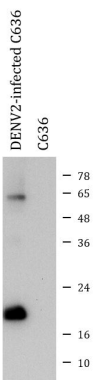
Immunofluorescence: dTHP1 stained with ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170].

From Li X et al. Front Immunol- (2021), [doi: 10.3389/fimmu.2021.744880](#), Fig. 2. F.



ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170] 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 ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170] (green) at 1:1000 dilution, overnight. Nuclear staining (blue).



ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170] WB image

Western blot: 10 µg of DENV2-infected C636 and uninfected C636 cell lysates stained with ARG66681 anti-Dengue virus Envelope (E) protein antibody [SQab19170] at 0.5 µg/ml dilution.