

## ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SQab19168] recognizes Dengue virus pre-Membrane (prM) protein
Tested Reactivity	DEN
Tested Application	ELISA, ICC/IF, WB
Specificity	This antibody recognizes DENV1, DENV2, DENV3 and DENV4 pre-Membrane protein.
Host	Mouse
Clonality	Monoclonal
Clone	SQab19168
Isotype	IgG1, kappa
Target Name	Dengue virus pre-Membrane (prM) protein
Species	Dengue virus
Immunogen	Dengue virus pre-Membrane (prM) protein.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ICC/IF	1:1000
	WB	0.5 µg/ml
Application Note	*ICC/IF: DENV1, DENV3 and DENV4 not workable; ELISA: DENV1, DENV3 and DENV4 not workable * 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.

## Bioinformation

Highlight

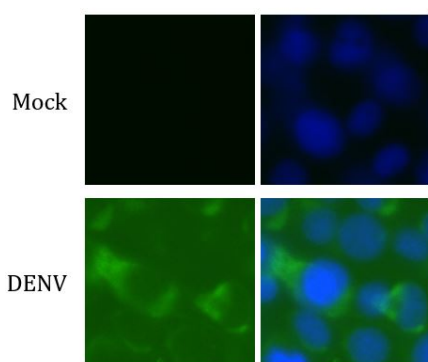
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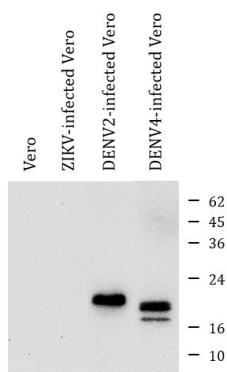
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## Images



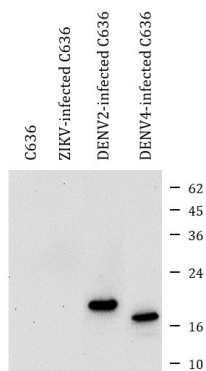
ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] ICC/IF image

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 ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] (green) at 1:1000 dilution, overnight. Nuclear staining (blue).



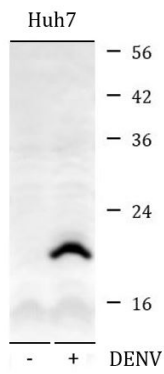
ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] WB image

Western blot: 5 µg of Vero, ZIKV-infected Vero, DENV2-infected Vero and DENV4-infected Vero cells (left to right). Cell lysates were stained with ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] at 0.5 µg/ml dilution.



ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] WB image

Western blot: 5 µg of C636, ZIKV-infected C636, DENV2-infected C636 and DENV4-infected C636 cells (left to right). Cell lysates were stained with ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] at 0.5 µg/ml dilution.



ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] WB image

Western blot: DENV infected (right) or uninfected (left) Huh7 cells. Cell lysates were stained with ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] at 1:1000 dilution, overnight.