

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

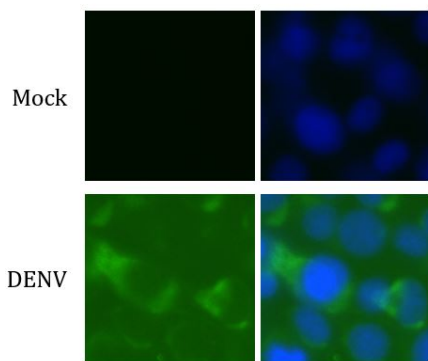
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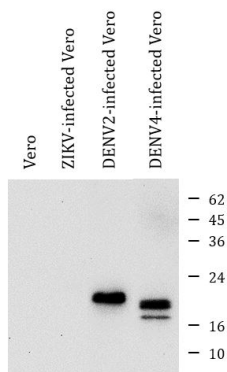
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Images



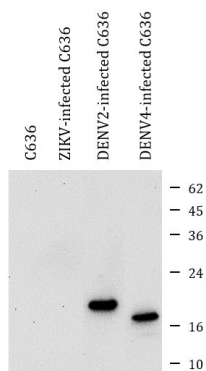
ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] ICC/IF image

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).



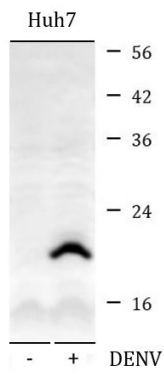
ARG66679 anti-Dengue virus pre-Membrane (prM) protein antibody [SQab19168] WB image

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.