

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

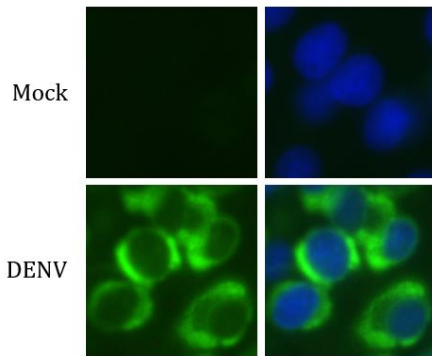
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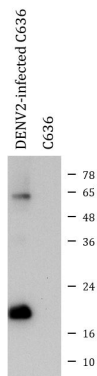
[Exploring Antiviral Immune Response](#)

Images



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.