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Dengue NS1 Antibody

Catalogue No.: abx137187

Dengue NS1 Antibody is a Mouse Monoclonal antibody against Dengue virus NS1.

This product is supplied in two vials. One vial is for gold conjugation and the other is for membrane coating. When ordering, half of the quantity ordered will be the conjugation antibody and the other half will be the membrane coating antibody.

Target: Dengue NS1

Reactivity: Virus

Host: Mouse

Clonality: Monoclonal

Tested Applications: LF

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Purity: > 95% (12% PAGE, coomassie staining)

Purification: Purified by Protein A chromatography.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Store at 4 °C if entire vial will be used by 4 weeks. Store at -20 °C for long-term storage. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Concentration: Conjugation antibody: 10 mg/ml
Membrane coating antibody: 1.7 mg/ml

Buffer: Conjugation antibody: PBS, 0.05% NaN₃.
Membrane coating antibody: PBS, 0.05% NaN₃.

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- Directions for use:**
1. Prepare gold particles (no later than 2 days before the assay) with maximal homogeneity in gold particle size, λ 525-529 nm, OD 1.2-1.4.
 2. Conjugate at pH 8.5 for 6-8 hours.
 3. Blocking: remove the supernatant and resuspend the gold pellet bound with the Dengue NS1 antibody to OD 8.0-8.2. Add casein to a final concentration of 0.3-0.4%.
 4. Treat the sample with 50 mM sodium borate, 0.5% mouse serum and 0.5% Triton X-100, pH 8.0.

Note: This product is for research use only.