

# Monoclonal Anti-pre-Gc protein (SFTS virus (HN6)) Antibody, Mouse IgG1 (13E1)

Catalog # PRN-Y315



BIOSYSTEMS  
**Acro**

## Source

Monoclonal Anti-pre-Gc protein (SFTS virus (HN6)) Antibody, Mouse IgG1 (13E1) is a Mouse monoclonal antibody produced from a hybridoma created by fusing SP2/0 myeloma and Mouse B-lymphocytes.

## Clone

13E1

## Species

Mouse

## Isotype

Mouse IgG1 | Mouse Kappa

## Conjugate

Unconjugated

## Antibody Type

Hybridoma Monoclonal

## Immunogen

Recombinant SFTS virus pre-Gc Protein (HN6) is expressed from human 293 cells

## Specificity

Specifically recognizes SFTS virus pre-Gc Protein (HN6).

## Application

Application	Recommended Usage
ELISA	0.1-30 ng/mL

## Purity

90% as determined by SDS-PAGE.

## Purification

Protein A purified / Protein G purified

## Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

## Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

**For best performance, we strongly recommend following the reconstitution protocol provided in the CoA.**

## Storage

For long term storage, the product should be stored in a lyophilized state at -20°C or lower.

**Please avoid repeated freeze-thaw cycles.**

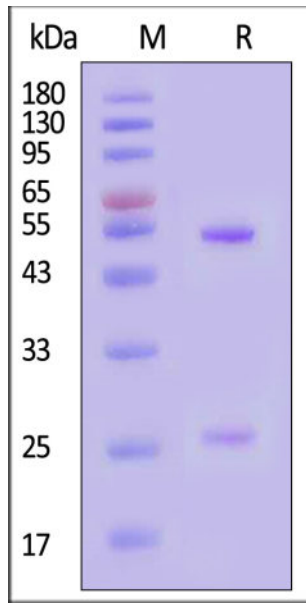
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## ACRO Quality Management System

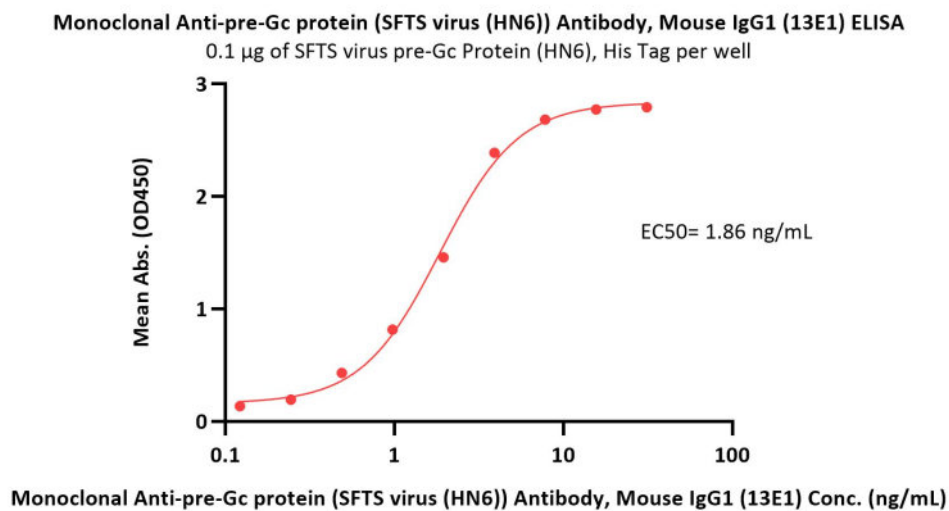
- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

## SDS-PAGE



Monoclonal Anti-pre-Gc protein (SFTS virus (HN6)) Antibody, Mouse IgG1 (13E1) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

## Bioactivity-ELISA



Immobilized SFTS virus pre-Gc Protein (HN6), His Tag (Cat. No. PRN-S52H3) at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-pre-Gc protein (SFTS virus (HN6)) Antibody, Mouse IgG1 (13E1) (Cat. No. PRN-Y315) with a linear range of 0.1-2 ng/mL (QC tested).

## Background

Severe fever with thrombocytopenia syndrome (SFTS) is an emerging viral hemorrhagic fever (VHF) endemic to China, South Korea, Japan, and Vietnam. Severe fever with thrombocytopenia syndrome (SFTS) is an infectious disease with a high fatality rate, caused by SFTS virus (SFTSV). To our knowledge, no efficient SFTSV vaccine exists.

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