

Marburg Virus (3541): sc-69939

BACKGROUND

Marburg Virus (MBG) represents one of the least known of the hemorrhagic fever-causing viruses worldwide. It is a member of the *Filoviridae* family of RNA-containing viruses. Marburg Virus has long threadlike particles that vary greatly in length with a range of 800 nm up to 14,000 nm. It is an exceptionally dangerous pathogen that causes a contagious and highly lethal febrile disease and hemorrhagic syndrome called Marburg haemorrhagic fever. Victims experience a high fever, diarrhea, vomiting and severe bleeding from bodily orifices, and usually die within one week. For a patient who does survive, recovery is prolonged and usually includes inflammation or infection of various organs, including the testicles, liver, spinal cord, eyes and/or salivary glands. Both the disease and the virus are related to Ebola and originated in the same part of Africa.

REFERENCES

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SOURCE

Marburg Virus (3541) is a mouse monoclonal antibody raised against Marburg Virus.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Marburg Virus (3541) is recommended for detection of 30 kDa antigen of Marburg virus origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.