
Product Datasheet

La Crosse virus, G1 envelope glycoprotein antibody (orb1152483)

Description

Mouse monoclonal antibody to La

glycoprotein

Species/Host

Mouse

Reactivity

Virus

Conjugation

Unconjugated

Tested Applications

ELISA, FC, IP, WB

Immunogen

This antibody was raised by immunising BALB/c mice with La Crosse viruses and the harvested spleens were fused with mouse P3X63Ag8.653 myeloma cells.

Target

La Crosse virus, G1 envelope glycoprotein

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

In the original publication, this antibody, together with other 22 clones against the the G1 and N proteins of LaCrosse and Tahyna, was characterised by the ELISA assays, immunoprecipitation, neutralisation tests, and hemagglutination inhibition tests (Gonzalez-Scarano et al, 1982). It was used for antigenic taxonomy of California serogroup viruses and for the identification of the California serogroup viruses of North America (Gonzalez-Scarano et al, 1982). It was also used, together with the other anti-La Crosse mAb clones 807.35 and 807.27, in the neutralisation assays of murine leukemia virus pseudotypes of La Crosse and Hantaan Bunyaviruses to validate a system for analysis of cell tropism (Ma et al, 1999). Furthermore, a single immunisation

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