Anti-LCMV antibody [M104] ab31774

Overview

Product name: Anti-LCMV antibody [M104]
Description: Mouse monoclonal [M104] to LCMV
Host species: Mouse
Specificity: This antibody reacts with LCMV infected cells (e.g. Vero, HeLa). The originator of clone M104 reported that this clone recognizes the nucleocapsid protein of LCMV.

Tested applications: Suitable for: ICC/IF, WB, IHC-Fr

Species reactivity: Reacts with: Species independent

Immunogen: Full length protein: LCMV isolated from human HeLa cells.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer: Preservative: 0.09% Sodium azide
Purity: Tissue culture supernatant
Clonality: Monoclonal
Clone number: M104
Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab31774 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Relevance

Lymphocytic choriomeningitis virus (LCMV), the first member of the Arenavirus family to be isolated, is the causative agent of a zoonosis acquired from chronically viremic mice or hamsters. LCMV primarily infects wild mice and it is estimated that 5% of all wild mice carry LCMV. Mice can asymptomatically carry and shed the virus in saliva, urine and faeces. People and other animals become infected through contact with these secretions or by inhalation of dried particles from them. The clinical spectrum of acquired human LCMV infection ranges from inapparent and asymptomatic to, in rare instances, severely symptomatic, systemic, and fatal central nervous system (CNS) disease. Intrauterine LCMV infection has resulted in fetal or neonatal death, as well as hydrocephalus and chorioretinitis in infants.

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