

Product datasheet for **BM5090**

LCMV Mouse Monoclonal Antibody [Clone ID: M104]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M104
Applications:	IF, IHC, WB
Recommended Dilution:	Immunoblotting (Western). Immunohistochemistry on Frozen Tissue. Immunofluorescence Microscopy (Ready-to-Use).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	LCMV isolated from Human HeLa Cells.
Specificity:	Reacts with LCMV-infected cells (e.g. Vero, HeLa). This LCMV Antibody (Clone <i>M104</i>) is recommended for detection of LCMV infected cells (e.g. Vero, HeLa) of LCMV origin.
Formulation:	State: Supernatant State: Liquid Hybridoma Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2–8°C.
Stability:	Shelf life: one year from despatch.



Background:

Lymphocytic choriomeningitis virus (LCMV), the first member of the *Arena*-virus 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. The virus is usually only dangerous to those who are immunocompromised.

Synonyms:

Lymphocytic choriomeningitis virus