

Rabies Virus Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone Rab-50]

Catalog # AH12897

Product Information

Application	IF, ICC, E
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG2b, kappa
Clone Names	Rab-50
Calculated MW	Not Known

Additional Information

Application Note	IF~~1:50~200 ICC~~N/A E~~N/A
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Rabies Virus Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Background

Reacts with viral glycoprotein of rabies virus strains SAD-Vnukovo and Pitman-Moore. This MAb is useful in detecting rabies virus by ELISA and Western. It is capable of neutralizing rabies virus. Rabies virus (Neurotropic virus) is a member of the Rhabdoviridae family. Rabies is a single stranded, neurotropic, negative sense RNA virus which encodes 5 proteins: a glycoprotein, a nucleoprotein, and three others. The mature virus has a bullet shape, a protein coat, and a lipid envelope. The outer surface of the virus is covered with thumb like glycoprotein projections 5-10 nm long and 3 nm in diameter. The virus averages approximately 780 nm in length. Lipid solvents destroy virus infectivity. Rabies virus is a very successful virus, with a very wide range of hosts. It causes an acute, central nervous system infection, characterized by CNS irritation, followed by paralysis and death. Approximately 50,000 human deaths each year are caused by rabies.

References

Macikova I et al. Common and different antigenic properties of the rabies virus glycoprotein of strains SAD-Vnukovo and Pitman-Moore. Acta Virol 1992, 36(6):541-55

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.