

AM05059PU-N**Monoclonal Antibody to Rabies Virus - Purified**

Quantity:	1 mg
Concentration:	4,3 mg/ml (OD280nm, E0.1% = 1.4)
Background:	Rabies virus (Neurotropic lyssavirus) 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 thumblike glycoprotein projections 5-10 nm long and 3 nm in diameter. The virus averages approximately 780 nm in length. Virus infectivity is destroyed by lipid solvents. 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.
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	RV1C5
Immunogen:	Purified Rabies virus
Format:	State: Liquid purified Ig fraction (>95% pure by SDS-PAGE). Purification: Protein G Chromatography Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide
Applications:	Detection of Rabies and Rabies related virus. Immunohistochemistry on Paraffin Sections. Indirect ELISA: 1.5×10^6 . Immunofluorescence: Specific Titer $> 1 \times 10^3$. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Rabies Virus antibody reacts with a glycoprotein of Rabies virus. More than 20 different strains from 4 serogroups, including CVS, Lagosbat, Mokola, Duwenhage were positive in neutralization reaction.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.