

## Product datasheet for **AM05059PU-N**

### Rabies Virus Mouse Monoclonal Antibody [Clone ID: RV1C5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	RV1C5
Applications:	ELISA, IF, IHC, Neutralize
Recommended Dilution:	<b>Detection of Rabies and Rabies related virus.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <b>Indirect ELISA:</b> 1.5x10 <sup>6</sup> . <b>Immunofluorescence:</b> Specific Titer > 1x10 <sup>3</sup> .
Reactivity:	Rabies Lyssavirus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Rabies virus
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.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified Ig fraction (>95% pure by SDS-PAGE). Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.



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**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.