

Product datasheet for **BM1262S**

Rabies Virus Mouse Monoclonal Antibody [Clone ID: Rab-50]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Rab-50
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	ELISA: 1/50. Western Blot. Blocking: <i>Rab-50</i> neutralizes Rabies Virus. Immunohistochemistry on Frozen Sections.
Reactivity:	Rabies Lyssavirus
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Rabies Virus of the SAD-Vnukovo strain. Splenocytes were fused with NS-0 cells.
Specificity:	This Rabies Virus Antibody clone <i>Rab-50</i> reacts with some specific Rabies Virus strains of vascular type from Eastern Europe.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

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.