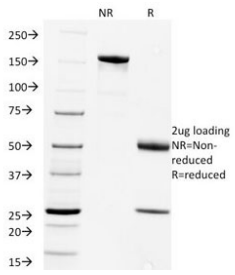
Rabies Virus Antibody [clone Rab-50] (V3074)

Catalog No.	Formulation	Size
V3074-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3074-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3074SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (1)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rabies Virus of strains SAD-Vnukovo and Pitman Moore
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	Rab-50
Purity	Protein G affinity chromatography
UniProt	Not Applicable
Localization	Virus
Applications	ELISA (order BSA/sodium azide-free format for coating) Immunofluorescence: 0.5-1ug/ml
Limitations	This Rabies Virus antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Rabies Virus Antibody (clone Rab-50). Confirmation of Integrity and Purity of the Antibody.

Description

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.

Application Notes

Optimal dilution of the Rabies Virus antibody should be determined by the researcher.

Immunogen

Purified virions of SAD-Vnukovo strain followed by Pitman-Moore strain was used as the immunogen for the Rabies Virus antibody.

Storage

Store the Rabies Virus antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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