

### 36-3729: Anti-Rabies Virus Monoclonal Antibody(Clone: Rab-50)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Rab-50
<b>Application :</b>	ELISA,ICC,IF
<b>Isotype :</b>	Mouse IgG2b, kappa
<b>Immunogen Information :</b>	Purified virions of SAD-Vnukovo strain followed by Pitman-Moore strain.

#### 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.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

ELISA (For coating, order Ab without BSA); Immunocytochemistry (Acetone-fixed frozen) (1-2ug/ml for 30 min); Immunofluorescence (1-2ug/ml);

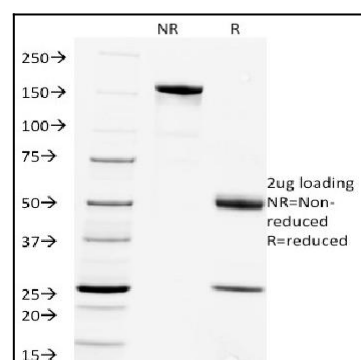


Fig. 1: SDS-PAGE Analysis Purified Rabies Virus Mouse Monoclonal Antibody (Rab-50). Confirmation of Purity and Integrity of Antibody.