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Datasheet for ABIN6938305  
**anti-Rabies Virus antibody**

### Overview

Quantity:	100 µg
Target:	Rabies Virus (RABV)
Reactivity:	Rabies Virus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Rabies Virus antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Coating (Coat)

### Product Details

Immunogen:	Purified virions of SAD-Vnukovo strain followed by Pitman-Moore strain.
Clone:	Rab-50
Isotype:	IgG2b kappa
Specificity:	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

## Product Details

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caused by rabies.

Purification: Purified by Protein A/G

## Target Details

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Target: Rabies Virus (RABV)

Alternative Name: Rabies Virus ([RABV Products](#))

Target Type: Virus

## Application Details

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Application Notes: Positive Control: Rabies virus.  
Known Application: ELISA (For coating, order Ab without BSA), Immunocytochemistry (Acetone-fixed frozen) (0.5-1 µg/mL for 30 min), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Buffer: 10 mM PBS without BSA and without Azide.

Preservative: Azide free

Storage: 4 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months.

Expiry Date: 24 months