Anti-Rabies Virus antibody [1C5] ab1002

Overview

Product name
Anti-Rabies Virus antibody [1C5]

Description
Mouse monoclonal [1C5] to Rabies Virus

Host species
Mouse

Specificity
This antibody reacts with a Rabies Virus glycoprotein and neutralizes more than 20 different strains from four sero-groups including CVS, Lagosbat, Mokola, and Duwenhage.

Tested applications
Suitable for: ELISA, ICC/IF, IHC-P, IHC-Fr

Species reactivity
Reacts with: Other species

Immunogen
Purified rabies virus

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer
pH: 7.20
Preservative: 0.1% Sodium azide

Purity
Ascites

Purification notes
Purified from ascites.

Clonality
Monoclonal

Clone number
1C5

Isotype
IgG2a

Applications

Our Abpromise guarantee covers the use of ab1002 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>ELISA</td>
<td></td>
<td>1/1.5e+006.</td>
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</table>
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.

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<td>ICC/IF</td>
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**Target**

**Relevance**

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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