Product datasheet

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>1/1.5e+006.</td>
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Relevance

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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