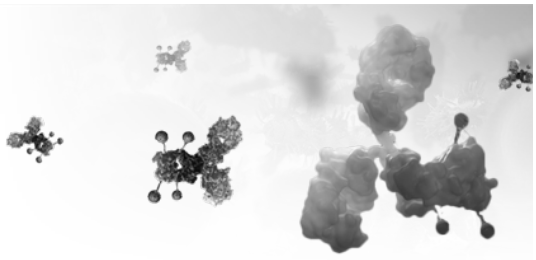

Human Anti-RABV GP Monoclonal antibody (DMAB-C3Y25228)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Research grade biosimilar Human Anti-RABV GP Monoclonal antibody, clone CR4098. (Cas number: 944548-38-3). This monoclonal antibody recognizes epitopes localized in antigenic site III and provids protection against the lethal natural rabies virus infection. It is suitable for use as reference antibody.
Target	RABV Glycoprotein
Isotype	IgG1, kappa
Source/Host	Human
Species Reactivity	RABV
Purification	Protein A Purified (>90% Determined by SDS-PAGE)
Conjugate	Unconjugated
Applications	Neut, ELISA, FACS, FuncS, Reference antibody Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100 µg, 1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers.

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Preservative	None
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Foravirumab is a biosimilar that targets the Rabies virus and is used for phrophylaxis. 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.
Keywords	Foravirumab; CR4098; Rabies virus; RABV; RABV glycoprotein; RABV G; RABV GP; RABV G Protein

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