



Anti-MDV Monoclonal antibody, Clone C157M (DMAB3907)

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

PRODUCT INFORMATION

Specificity	Marek Disease Virus. Recognizes serotypes 1, 2 and 3.
Target	MDV
Immunogen	MDV Strains SB-1 and Rispens
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	MDV
Clone	C157M
Affinity Constant	Not determined
Purification	Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. 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	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4

Preservative 0.1% Sodium Azide

Storage Store at 2–8°C.

BACKGROUND

Introduction

Marek's Disease Virus, (MDV), is an oncogenic avian doublestranded DNA herpesvirus. It is highly contagious and results in aggressive T-cell lymphomas. Infection of MDV occurs via the respiratory tract, where its uptake by macrophages and dendritic cells allows it to be transported in the bloodstream to visceral organs and peripheral nerves, causing death in up to 80 percent of birds. It occurs in two main forms, depending on which parts of the body are affected by the tumours. In the nervous form the nerves, particularly the sciatic nerves, are affected. In the visceral form, greyish-white tumours are found in the ovaries, liver, spleen, kidney, heart and other organs.

Keywords

Gallid herpesvirus 3; Gallid herpesvirus type 3; Marek's disease herpesvirus 2; Marek's disease virus type 2; MDV; Marek Disease Virus; Marek's Disease Virus; Herpesviridae; Marek's disease virus; Alphaherpesvirinae
