

Product Information

Recombinant Anti-Human GD3 ganglioside Antibody

Cat. No.: **MOM-18131**

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

Product Overview

Recombinant Chimeric (mouse/human) Antibody is against Human GD3 ganglioside, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Almost all melanomas, astrocytomas, a proportion of sarcomas, a small number of carcinomas, some nevi, as well as normal melanocytes express GD3 antigen. It is one of the most important markers for malignant melanoma. Antibodies to the GD3 ganglioside can induce partial remission of tumor growth in animals as well as in Humans via enhancement of cytotoxic and proliferative response of lymphocytes.

Specific Activity

Tested positive against native antigen.

Target

GD3 ganglioside

Immunogen

The details of the immunogen for this antibody are not available.

Source

Chimeric (mouse/human)

Species Reactivity

Human

Type

Chimeric (mouse/human) IgG1 - kappa

Expression Host

CHO

Predicted N terminal

H chain: EVQLVES; L Chain: DIQMTQS

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in WB, FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

BACKGROUND

Introduction

This is a chimeric monoclonal antibody being developed for the treatment of malignant melanoma.

Keywords

GD3 ganglioside