

Product Information

Recombinant Anti-Human TAG-72 Antibody scFv Fragment

Cat. No.: **MOM-18002-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment is specific to Human TAG72, expressed in E. coli

Antigen Description

The majority of human adenocarcinomas including colorectal, pancreatic, gastric, ovarian, endometrial, mammary, and non-small cell lung cancer display some cell populations that are positive for TAG72. About 60% of carcinoma patients express TAG72 in their sera. TAG72 is reportedly useful in distinguishing pulmonary adenocarcinomas from pleural mesotheliomas.

Specific Activity

Tested positive against native antigen.

Target

TAG72

Immunogen

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

Source

Mouse

Species Reactivity

Human

Type

scFv Fragment from Mouse IgG1

Expression Host

E. coli

Purity

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

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

BACKGROUND

Introduction

This monoclonal antibody can be attached to the chelator pentetic acid (DTPA) linked to the tripeptide glycine (G) – L-tyrosine (Y) – L-lysine (K), which chelates Indium 111 and binds selectively to cell-surface TAG-72 expressed on colorectal tumors. This product has the same active ingredient as Satumomab Pendetide.

Keywords

CA 72.4; TAG 72; Tumor associated Glycoprotein 72; OncoScint CR103; Satumomab Pendetide