

Product Information

Recombinant Anti-B. anthracis PA Antibody scFv Fragment

Cat. No.: **MOM-18224-S(P)**

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

Product Overview

Recombinant Human Antibody scFv Fragment is specific to Bacillus anthracis, expressed in E. coli

Antigen Description

Anthrax toxins are composed of three distinct proteins, a protective antigen (PA), a lethal factor (LF) and an edema factor (EF). None of these proteins are toxic by themselves and several studies indicate that the anthrax toxin has the familiar A-B enzymatic binding structure, with PA acting as the binding domain and EF and/or LF acting as the active fragments.

Target

Bacillus anthracis

Immunogen

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

Source

Human

Species Reactivity

B. anthracis

Type

scFv Fragment from Human IgG1 - lambda

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

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 is a human monoclonal antibody intended for the prophylaxis and treatment of inhaled anthrax.

Keywords

anthrax PA; Anthrax Protective Antigen; Anthrax toxins translocating protein; Bacillus anthracis Protective Antigen; PA

83; PA; PA83; Pag; PagA; Protective antigen