

# Product Information

## Recombinant Anti-B. anthracis PA Antibody Fab Fragment

Cat. No.: **MOM-18224-F(E)**

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

### Product Overview

Recombinant Human Antibody Fab Fragment binds selectively to *Bacillus anthracis*, expressed in Chinese Hamster Ovary cells(CHO)

### 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

Fab Fragment based on Human IgG1 - lambda

### Expression Host

CHO

### Purity

>95.0% as determined by analysis by RP-HPLC.

### Applications

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

### Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## 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