

Product Information

Recombinant Anti-HIV-1 Antibody scFv Fragment

Cat. No.: **MOM-18068-S(P)**

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

Product Overview

Recombinant Humanized Antibody scFv Fragment binds selectively to HIV-1, expressed in E. coli

Antigen Description

HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups : the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.

Target

HIV-1

Immunogen

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

Source

Humanized

Species Reactivity

HIV-1

Type

scFv Fragment from Humanized IgG1 - kappa

Expression Host

E. coli

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis 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 antibody is an antiviral and immunomodulator.

Keywords

HIV 1; HTLV3; Human Immunodeficiency Virus 1